

ONE  
HUNDRED  
NINETEENTH

ANNUAL  
REPORT

OF THE

Mass. DEPT.

OF

EDUCATION

MASS.

1954-55

PART I

MASS. DEPT. OF EDUCATION  
1954-55  
PART I

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ANNUAL REPORT  
OF THE  
DEPARTMENT OF EDUCATION

YEAR ENDING June 30, 1955

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ISSUED IN ACCORDANCE WITH SECTION 2 OF CHAPTER 69  
OF THE GENERAL LAWS

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PART I



(VOL. 119)





TABLE OF CONTENTS

	<u>Page</u>
Members of Board of Education, Commissioner of Education, etc.....	1-11
Former members, secretaries and commissioners of the Board of Education.....	12-13
Annual Report of	
Commissioner to the Board of Education.....	14-308
Board of Collegiate Authority.....	15,16
Educational legislation, research and statistics.....	17-51
Division of Elementary and Secondary Education.....	52-58
Secondary Education.....	59-63
Elementary Education.....	64-69
Physical Education.....	70,71
Teacher Certification and Placement.....	72,73
Music Education.....	74-78
Guidance and Placement.....	79,80
State Teachers Colleges.....	81-110
American Citizenship (Includes Adult Civic Education).....	111-118
Scholarships, Children of World War Veterans.....	119
Division of Immigration and Americanization.....	120-125
Division of the Blind.....	126-148
Division of Library Extension.....	149-154
Division of Special Education.....	155-161
Teachers' Retirement Board.....	162-180
Massachusetts Maritime Academy.....	181-184
Bradford Durfee Technical Institute, Fall River.....	185-190
New Bedford Institute of Textiles and Technology.....	191-194





	<u>Page</u>
School Buildings Assistance Commission.....	195
School Lunch Program.....	196-200
Fair Educational Practices (See Elementary and Secondary).....	57
Division of Vocational Education.....	201-225
Division of Vocational Rehabilitation.....	226-242
Division of University Extension.....	243-250
Correspondence Instruction.....	248
Audio-Visual Education Program.....	249
High School Equivalency Certificate Program.....	249
Adult Civic Education (See American Citizenship).....	115
Financial Statement.....	251-256
Statistics	
State Teachers Colleges.....	257
Superintendency Unions.....	258-266
County Training Schools and State Institutions.....	267, 268
Vocational Education	
Roster of state-aided vocational schools (Table 1).....	269-278
Summarized financial statement (Table 3).....	279-282
Tabulation of state reimbursement for Vocational Education (Table 3A).....	283-289
Earnings of vocational agricultural pupils, etc. (Table 5).....	290
Vital statistics by types of schools (Table 6).....	291-301
Use of Federal Funds, Smith-Hughes and George-Barden (Table 7).....	302-304
Statistics of teacher-training (Table 8).....	305-307
Registration and employment of minors 14 to 16 years of age (Table 9).....	308, 309



ANNUAL REPORT OF THE DEPARTMENT OF EDUCATION

PART I

Year Ending June 30, 1955

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REPORT OF THE BOARD OF EDUCATION

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THE HISTORY OF THE

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EDUCATIONAL DIRECTORY

DEPARTMENT OF EDUCATION

200 Newbury Street, Boston 16

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BOARD OF EDUCATION

Term Expires

1956. Dr. William E. Park, Chairman, Northfield Schools,  
East Northfield  
1960. Mr. John W. McDevitt, Vice-Chairman, 111 Virginia Road,  
Waltham  
1959. Rt. Rev. Msgr. Cornelius T.H. Sherlock, Secretary,  
45 Alewife Brook Parkway, Cambridge  
1955. Mr. G. John Gregory, 711 Boylston Street, Boston  
1957. Dr. Owen B. Kiernan, 37 Thompson Lane, Milton  
1958. Dr. Leo C. Donahue, 108 Summer Street, Somerville  
1961. Mrs. Alice M. Lyons, 76 Moraine Street, Jamaica Plain  
1962. Dr. Alexander Brin, 251 Causeway Street, Boston  
1963. Mrs. Julia M. Fuller, 292 Forest Park Avenue, Springfield  
Dr. John J. Desmond, Jr., Commissioner of Education and  
Executive Officer  
Mary E. McKay, Assistant Secretary

---

John J. Desmond, Jr.	Commissioner of Education
Raymond A. FitzGerald	Deputy Commissioner of Education
Paul W. Knight	Business Agent
Edward M. Gilpatrick	Assistant Business Agent

---

BOARD OF COLLEGIATE AUTHORITY

Ex Officio John J. Desmond, Jr., Chairman

Term Expires

1955. Mr. G. John Gregory, 711 Boylston Street, Boston  
1956. Dr. William E. Park, Northfield Schools, East Northfield  
1957. Dr. Owen B. Kiernan, 37 Thompson Lane, Milton  
1958. Dr. Leo C. Donahue, 108 Summer Street, Somerville  
1959. Rt. Rev. Msgr. Cornelius T.H. Sherlock, 45 Alewife Brook  
Parkway, Cambridge  
1960. Mr. John W. McDevitt, 111 Virginia Road, Waltham  
1961. Mrs. Alice M. Lyons, 76 Moraine Street, Jamaica Plain  
1962. Dr. Alexander Brin, 251 Causeway Street, Boston  
1963. Mrs. Julia M. Fuller, 292 Forest Park Avenue, Springfield





Term Expires

1955. Miss Dorothy M. Bell, Bradford Junior College, Haverhill  
 1956. Miss M. Ruth Norton, 3 Bradford Street, Salem  
 1957. Mr. George I. Rohrbough, 11 Highland Street, Cambridge  
 1958. Very Rev. Francis J. Boland, C.S.C., Stonehill College,  
 North Easton  
 Mary E. McKay, Secretary  
 James E. Burke, Agent

STATE BOARD FOR VOCATIONAL EDUCATION

1956. Dr. William E. Park, Chairman, Northfield Schools,  
 East Northfield  
 1960. Mr. John W. McDevitt, Vice-Chairman, 111 Virginia Road,  
 Waltham  
 1959. Rt. Rev. Msgr. Cornelius T.H. Sherlock, Secretary,  
 45 Alewife Brook Parkway, Cambridge  
 1955. Mr. G. John Gregory, 711 Boylston Street, Boston  
 1957. Dr. Owen B. Kiernan, 37 Thompson Lane, Milton  
 1958. Dr. Leo C. Donahue, 108 Summer Street, Somerville  
 1961. Mrs. Alice M. Lyons, 76 Moraine Street, Jamaica Plain  
 1962. Dr. Alexander Brin, 251 Causeway Street, Boston  
 1963. Mrs. Julia M. Fuller, 292 Forest Park Avenue, Springfield  
 \*Dr. John J. Desmond, Jr., Commissioner of Education  
 ex officio and executive officer  
 \*Mr. Eugene H. Giroux, Chairman of Industrial Accident  
 Board ex officio  
 1955. \*Dr. Jacob L. Rudd, 57 Lee Street, Cambridge  
 1957. \*Mr. Harold J. Russell, 213 East Central Street, Natick  
 1958. \*Mr. Soter G. Zaharoolis, 191 Princeton Blvd., North  
 Chelmsford  
 1959. \*Mr. Stephen D. Merrick, 32 Buchanan Road, Roslindale  
 1960. \*Paul F. Goodwin, 36 Pleasant Hill Ave., Mattapan  
 \*Sub-Committee of State Board for Vocational Education to be  
 known as Massachusetts Rehabilitation Commission, 18 Tremont Street,  
 Boston, 1952, c. 630.

---

TEACHERS' RETIREMENT BOARD

88 Broad Street, Boston 10

Clayton L. Lent, Executive Secretary

Members of Board

Ex Officio John J. Desmond, Jr., Commissioner of Education

Term Expires

1957. Raymon W. Eldridge, Brookline  
 1958. Mildred B. Jenks, Springfield
-





SCHOOL BUILDING ASSISTANCE COMMISSION

Room 618-88 Broad Street, Boston 10

John E. Marshall, Administrator

Term Expires

1959. Arthur E. Eldridge, Chairman, Shelburne Falls  
 1959. John H. Walsh, Waltham  
 1959. Charles E. Shepard, Warren  
 1959. Harry E. Trask, Boxford  
 1959. E. Davis Woodbury, Natick

DIVISION OF YOUTH SERVICE

14 Somerset Street, Boston 8

Youth Service Board

Term Expires

1958. John D. Coughlan, Director of Division and Chairman  
 of Youth Service Board, Melrose  
 1957. Thomas J. Turley, Boston  
 1959. Mrs. Alice Collins, South Deerfield  
 Ernest W. Mitchell, Administrative Assistant

Advisory Committee on Service to Youth

Term Expires

1956. Mrs. Margaret M. O'Riordan, Chairman, Boston  
 1956. Eugene Fenton, Vice-Chairman, Lawrence  
 1956. Rt. Rev. Thomas F. McNamara, Boston  
 1956. William H. Ohrenberger, Boston  
 1956. Maxwell Shapiro, Boston  
 1958. Norris B. Flanagan, M.D., Boston  
 1958. Edgar Grossman, Boston  
 1958. Agnes C. Lavery, Boston  
 1958. Michael F. McGrath, Salem  
 1958. John W. Roberts, Boston  
 1960. George Baker, Lawrence  
 1960. James Devlin, Randolph  
 1960. Cecelia McGovern, Ph.D., Brookline  
 1960. James A. Travers, Boston  
 1960. Everett Yates, Boston

School

Superintendent

Industrial School for Girls.....	Elizabeth Bode, Lancaster
Industrial School for Boys.....	Clarence R. Day, (Acting), Shirley
Lyman School for Boys.....	Donald H. Campbell, Westborough
Reception Center for Boys.....	Patrick F. Creeden, Westborough
Reception Center for Girls.....	Margaret C. Pottinger, Lancaster
Detention Center for Boys.....	Francis H. Maloney, Jr.
105 S. Huntington Avenue, Boston	
Institute for Juvenile Guidance.....	John Borys, So. Bridgewater

# THE UNIVERSITY OF CHICAGO DEPARTMENT OF CHEMISTRY RESEARCH REPORT

Title: *Study of the reaction of*  
*nitric oxide with carbon monoxide*  
 Author: *John H. Goldstein*  
 Advisor: *Dr. H. C. Brown*  
 Date: *June 1954*

*Submitted in partial fulfillment of the requirements for the degree of*  
*Doctor of Philosophy*  
*at the University of Chicago*  
*June 1954*

Abstract: *This study was made by the method of*  
*continuous flow. The reaction of nitric oxide with carbon monoxide*  
*was studied at various temperatures and pressures. The rate of reaction*  
*was found to be first order in nitric oxide and first order in carbon monoxide.*  
*The activation energy was found to be 14.5 kcal/mole.*

*Table of Contents*

<i>Chapter I. Introduction</i>	<i>1</i>
<i>Chapter II. Experimental</i>	<i>10</i>
<i>Chapter III. Results and Discussion</i>	<i>25</i>
<i>Chapter IV. Conclusions</i>	<i>45</i>
<i>References</i>	<i>55</i>
<i>Appendix</i>	<i>65</i>
<i>Bibliography</i>	<i>75</i>
<i>Index</i>	<i>85</i>

Acknowledgments: *I wish to express my appreciation to Dr. H. C. Brown for his*  
*guidance and advice during the course of this study. I also wish to thank*  
*Dr. J. H. Goldstein for his assistance in the experimental work.*  
 Financial support: *This work was supported by the National Science Foundation.*  
 Distribution: *One hundred copies of this report are available for distribution.*  
 Date: *June 1954*



MASSACHUSETTS BOARD OF EDUCATIONAL TELEVISION

Term Expires

1957. Mr. Howard W. Robbins, Chairman, 984 Memorial Drive,  
Cambridge  
1955. Mr. G. John Gregory, 711 Boylston Street, Boston  
1955. Miss Elizabeth McConarty, 90 Billings Road, Quincy  
1956. Mr. Robert S. Hopkins, Jr., University of Massachusetts,  
Amherst  
1956. Dr. William E. Park, Northfield Schools, East Northfield  
1957. Dr. Owen B. Kiernan, 37 Thompson Lane, Milton  
1958. Dr. Leo C. Donahue, 108 Summer Street, Somerville  
1958. Mr. William H. Radford, 121 Poplar Street, Watertown  
1959. Rt. Rev. Msgr. Cornelius T.M. Sherlock, 45 Alewife Brook  
Parkway, Cambridge  
1960. Mr. John W. McDevitt, 111 Virginia Road, Waltham  
1961. Mrs. Alice M. Lyons, 76 Moraine Street, Jamaica Plain  
1962. Dr. Alexander Brin, 251 Causeway Street, Boston  
1963. Mrs. Julia M. Fuller, 292 Forest Park Avenue, Springfield

Harry M. Lyle, Director  
Rm. 311-312, 15 Ashburton Place, Boston

DIVISION OF STATE TEACHERS COLLEGES

, Director

John F. Bowler, Assistant Director

Teachers College

President

Boston.....	William F. Looney
Bridgewater.....	Clement C. Maxwell
Fitchburg.....	Ralph F. Weston
Framingham.....	Martin F. O'Connor
Lowell.....	Daniel H. O'Leary
North Adams.....	Eugene L. Freel
Salem.....	Frederick A. Meier
Westfield.....	Edward J. Scanlon
Worcester.....	Eugene A. Sullivan
Massachusetts School of Art, Boston.....	Gordon L. Reynolds

DIVISION OF ELEMENTARY AND SECONDARY EDUCATION

Patrick J. Sullivan, Director

Warren E. Benson, Senior Supervisor of Guidance and Placement  
Ralph H. Colson, Supervisor of Physical Education and Safety Education  
Martina McDonald Driscoll, Supervisor of Music  
John J. Millane, Senior Supervisor of Secondary Education  
Mary A. O'Rourke, Senior Supervisor of Elementary Education  
Thomas A. Phelan, Senior Supervisor of Teacher Certification and Placement  
Margaret A. Shea, Supervisor of Elementary Education  
John F. McGovern, Supervisor of Secondary Education  
D. Justin McCarthy, Supervisor of Certification  
....., Assistant Supervisor of Elementary Education  
....., Assistant Supervisor of Physical Education



# STATE OF NEW YORK

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John A. Smith	New York City	1891
James B. Jones	Albany	1892
William C. Brown	Schenectady	1893
Charles D. White	Rochester	1894
Edward E. Black	Syracuse	1895
Frank F. Green	Buffalo	1896
George G. Hall	Watkinsville	1897
Henry H. King	Utica	1898
Isaac I. Lee	Oneida	1899
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Henry H. Reed	Rochester	2048
Isaac I. Cook	Syracuse	2049
Joseph J. Baker	Buffalo	2050

Approved and attested:  
 Governor of the State of New York

In witness whereof, I have hereunto set my hand and the Great Seal of the State of New York, at Albany, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

NAME	RESIDENCE	DATE
John A. Smith	New York City	1891
James B. Jones	Albany	1892
William C. Brown	Schenectady	1893
Charles D. White	Rochester	1894
Edward E. Black	Syracuse	1895
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Approved and attested:  
 Governor of the State of New York

In witness whereof, I have hereunto set my hand and the Great Seal of the State of New York, at Albany, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

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Edward E. Roberts	Buffalo	1910
Frank F. Turner	Watkinsville	1911
George G. Phillips	Utica	1912
Henry H. Campbell	Oneida	1913
Isaac I. Parker	Delaware	1914
Joseph J. Evans	Cattaraugus	1915
Samuel S. Reed	Warren	1916
David D. Cook	Franklin	1917
Robert R. Baker	Hamilton	1918
Thomas T. Nelson	Montgomery	1919
Richard R. Carter	Albany	1920
Philip P. Mitchell	Schenectady	1921
John P. Roberts	Rochester	1922
William W. Turner	Syracuse	1923
Charles C. Phillips	Buffalo	1924
Edward E. Campbell	Watkinsville	1925
Frank F. Parker	Utica	1926
George G. Evans	Oneida	1927
Henry H. Reed	Delaware	1928
Isaac I. Cook	Cattaraugus	1929
Joseph J. Baker	Warren	1930
Samuel S. Nelson	Franklin	1931
David D. Carter	Hamilton	1932
Robert R. Mitchell	Montgomery	1933
Thomas T. Roberts	Albany	1934
Richard R. Turner	Schenectady	1935
Philip P. Phillips	Rochester	1936
John P. Campbell	Syracuse	1937
William W. Parker	Buffalo	1938
Charles C. Evans	Watkinsville	1939
Edward E. Reed	Utica	1940
Frank F. Cook	Oneida	1941
George G. Baker	Delaware	1942
Henry H. Nelson	Cattaraugus	1943
Isaac I. Carter	Warren	1944
Joseph J. Mitchell	Franklin	1945
Samuel S. Roberts	Hamilton	1946
David D. Turner	Montgomery	1947

DIVISION OF SPECIAL EDUCATION

739 Boylston Street, Boston 16

Philip G. Cashman, Director

Serena M. Cummings, Assistant Supervisor of Blind and Partially  
Seeing Children

Robertta M. Kellogg, Senior Supervisor in Education

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DIVISION OF RESEARCH AND STATISTICS

....., Director

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FAIR EDUCATIONAL PRACTICES

Franklin P. Hawkes, Director

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OFFICE OF AMERICAN CITIZENSHIP

Thomas J. Curtin, Director

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John F. Shea, Assistant Director

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Carl A. Gibson, (Temporary), Field of Vocational Art Education  
in Industry and Business

Caroline H. Wilson, Fields of Industrial Schools, Household Arts  
Schools and Departments, and Continuation Schools for Girls  
and Women

Clare L. Walsh, Field of Household Arts Schools and Departments

Harold E. Shapiro, Field of Distributive Education





### Subdivision of Teacher-Training

Jesse A. Taft, Field of Agricultural Schools and Departments  
(Resident, 31 Liberal Arts Annex, University of Massachusetts,  
Amherst)  
Charles F. Oliver, Part-Time Assistant, Field of Agricultural  
Schools and Departments (Resident, 31 Liberal Arts Annex,  
University of Massachusetts, Amherst)  
....., Field of Industrial Schools for Boys and Men  
James L. Burke, Field of Industrial Schools for Boys and Men  
William J. McConnell, Field of Industrial Schools for Boys and Men  
....., Field of Continuation Schools for Boys and  
Public Service Training  
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Helen J. McClintock, Assistant, Field of Household Arts Schools and  
Departments  
Marian R. Balboni\*, Assistant, Field of Distributive Education  
Mary I. McKay\*\*, Assistant, Field of Distributive Education  
Agnes M. Hornby, Assistant, Field of Household Arts (Resident,  
Framingham State Teachers College)

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Counseling  
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Thomas E. Rafferty, Assistant, Field of Education

### Subdivision of Administration

Carl E. Herrick, All Fields  
Francis J. Lombard, Supervisor

### Subdivision of Private or Proprietary Schools

John F. Wostrel, Supervisor

### Subdivision of In-Service Training for Veterans

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Garrett T. Barry, Supervisor  
Francis J. Farrenkopf, Supervisor  
Warren F. Maddox, Assistant Supervisor  
Harold F. McNulty, Assistant Supervisor

\* Leave of absence until June 1, 1955

\*\*Substitute until May 31, 1955





OFFICE OF SCHOOL LUNCH PROGRAMS

600 Washington St., Boston 11

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James J. McGrath, Supervisor of Accounting  
Miss Anna A. Kloss, Supervisor  
Mrs. Bethel B. Ross, Assistant Supervisor  
....., Field Worker  
....., Field Agent  
Edward J. Kane, Field Agent

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Thomas F. Donnellan, Supervisor  
George L. O'Brien, Supervisor  
Louis M. Tracy, Supervisor  
William F. Hickey, Jr., M.D., Medical Consultant  
Mrs. Dorothy A. Oates, Supervisor of Physical Restoration  
John S. Burns, Assistant Supervisor  
Joseph L. Butler, Jr., Assistant Supervisor  
Charles A. Campbell, Assistant Supervisor  
Wallace L. Forrester, Assistant Supervisor  
Esther L. Frutkoff, Assistant Supervisor  
Daniel J. Carvey, Assistant Supervisor  
M. Monica Jenks, Assistant Supervisor  
William E. King, Assistant Supervisor  
....., Assistant Supervisor  
John S. Levis, Assistant Supervisor  
Katherine MacLarnie, Assistant Supervisor  
Simon S. Olshansky, Assistant Supervisor  
....., Assistant Supervisor  
George P. Shelton, Assistant Supervisor  
Wendell J. White, Assistant Supervisor

---

DIVISION OF UNIVERSITY EXTENSION

E. Everett Clark, Director

Ellen Fitzpatrick, Supervisor in Education  
Helen B. Garrity, Supervisor in Education  
Otto Kiessling, Supervisor in Education  
John P. McGrail, Supervisor in Education  
Ursula K. Toomey, Supervisor in Education  
Leo F.A. Murphy, Assistant Supervisor in Education  
Mary K. Prendergast, Assistant Supervisor in Education  
Kelsey B. Sweatt, in Charge of Audio-Visual Education

STATE OF NEW YORK  
IN SENATE  
January 1, 1901.

REPORT OF THE  
COMMISSIONER OF THE LAND OFFICE  
IN RESPONSE TO A RESOLUTION  
PASSED BY THE SENATE  
MAY 1, 1899.  
ALBANY: JAMES BRONKHORST, STATE PRINTER.  
1901.

CONTENTS.  
Page.

General Statement of the Land Office	1
Summary of the Land Office's Work	2
Summary of the Land Office's Revenue	3
Summary of the Land Office's Expenditures	4
Summary of the Land Office's Assets and Liabilities	5
Summary of the Land Office's Operations	6
Summary of the Land Office's Results	7
Summary of the Land Office's Future Prospects	8
Summary of the Land Office's Recommendations	9
Summary of the Land Office's Conclusions	10

APPENDIX.  
January 1, 1901.

Summary of the Land Office's Work  
Summary of the Land Office's Revenue  
Summary of the Land Office's Expenditures  
Summary of the Land Office's Assets and Liabilities  
Summary of the Land Office's Operations  
Summary of the Land Office's Results  
Summary of the Land Office's Future Prospects  
Summary of the Land Office's Recommendations  
Summary of the Land Office's Conclusions



# DIVISION OF LIBRARY EXTENSION

## Board of Library Commissioners

### Term Expires

1958. Stacy B. Southworth, Chairman, Braintree  
 1958. Richard J. Sullivan, Secretary, Lawrence  
 1955. Charles D. Driscoll, Brookline  
 1956. John J. Mahoney, Winchester  
 1959. John D. Kelley, Somerville

V. Genevieve Galick, Director

Alice M. Cahill, Supervisor of Field Services

....., Consultant, School Libraries and  
 Library Work with Children and Young People

....., Chief of Book Services

## DIVISION OF IMMIGRATION AND AMERICANIZATION

Room 209, 73 Tremont Street, Boston 8

### Members of Board

### Term Expires

1956. Mrs. Sylvia Webber Segal, Chairman, Sharon  
 1955. Charles Sepucha, Cambridge  
 1955. Mrs. Clementina Langone, Boston  
 1956. Stanley Dziadosz, Lawrence  
 1957. Alcide Beaumier, Quincy  
 1957. Mrs. Helen Sutton, Belmont

Alice W. O'Connor, Supervisor of Social Service

Charles L. Carey, District Agent (Lawrence)

Daniel J. Donahue, District Agent (Fall River)

Charles P. Martin, District Agent (Worcester)

John A. McInnes, District Agent (Springfield)

## DIVISION OF THE BLIND, 90 TREMONT STREET, BOSTON 8

John F. Mungovan, Director

### Advisory Board

### Term Expires

1958. Robert M. Prouty, Chairman, Hingham  
 1955. Anne G. Finberg, Secretary, Waban  
 1956. ....  
 1957. Stephanie Barker, Watertown  
 1959. Thomas L. O'Connor, Belmont

# GENERAL PRINCIPLES OF ACCOUNTING CHAPTER I

Assets	Liabilities
1. Cash	1. Accounts Payable
2. Accounts Receivable	2. Notes Payable
3. Inventory	3. Long-Term Debt
4. Fixed Assets	4. Equity

The accounting cycle consists of the following steps:

1. Analyze the business transactions.
2. Journalize the transactions.
3. Post the transactions to the ledger.
4. Prepare a trial balance.
5. Adjust the accounts.
6. Prepare financial statements.
7. Close the books.

## THE ACCOUNTING CYCLE 1. ANALYZE THE BUSINESS TRANSACTIONS 2. JOURNALIZE THE TRANSACTIONS

Assets	Liabilities
1. Cash	1. Accounts Payable
2. Accounts Receivable	2. Notes Payable
3. Inventory	3. Long-Term Debt
4. Fixed Assets	4. Equity

The accounting cycle consists of the following steps:

1. Analyze the business transactions.
2. Journalize the transactions.
3. Post the transactions to the ledger.
4. Prepare a trial balance.
5. Adjust the accounts.
6. Prepare financial statements.
7. Close the books.

## THE ACCOUNTING CYCLE 3. POST THE TRANSACTIONS TO THE LEDGER 4. PREPARE A TRIAL BALANCE

Assets	Liabilities
1. Cash	1. Accounts Payable
2. Accounts Receivable	2. Notes Payable
3. Inventory	3. Long-Term Debt
4. Fixed Assets	4. Equity



### Members of Staff

Frederick D. Greehan, Supervisor of Vocational Rehabilitation  
 John J. Buckley, Supervisor of Industries  
 Mary Fay Bresnahan, Assistant Supervisor, Home Teaching  
 Ethel M. Fredrick, Assistant Supervisor, Adults  
 Mary E. McLaughlin, Assistant Supervisor, Children  
 Janet L. Gorton, Medical Social Worker

### MASSACHUSETTS MARITIME ACADEMY

419 Boylston Street, Boston 16

Florence R. Hanlon, Head Clerk

Rear Admiral J.D. Wilson, USN (Retired), Superintendent, Shore Base,  
 Buzzards Bay

### Board of Commissioners

#### Term Expires

1959.	Arthur C. Sullivan, Chairman, Lowell
1955.	Captain Charles H. Hurley, Newton Centre
1956.	S. P. Jason, Fairhaven
1957.	Captain John R. Peterson, Falmouth
1958.	William W. Peters, Falmouth

---

### BRADFORD DUFFEE TECHNICAL INSTITUTE, FALL RIVER

Leslie B. Coombs, President

### Trustees

Ex Officio, His Honor, John F. Kane, Mayor  
 Ex Officio John J. Desmond, Jr., Commissioner of Education  
 Ex Officio William S. Lynch, Superintendent of Schools

#### Term Expires

1956.	Meyer Jaffe, Chairman, Fall River
1955.	Robert J. Nagle, Vice-Chairman, Fall River
1955.	Joseph P. Clark, III, Fall River
1955.	Edward F. Doolan, Fall River
1955.	Jan Pietraszek, Fall River
1955.	Bernard G. Tomlinson, Fall River
1956.	Philip S. Brayton, Fall River
1956.	Emanuel Gittelman, Fall River
1956.	Charles P. Mullen, North Westport
1956.	Madison F. Welsh, Fall River
1957.	Ernest T. Cabral, Jr., Fall River
1957.	Raymond R. Costa, Fall River
1957.	Lloyd H. Dixon, Fall River
1957.	John Marshall, Jr., Fall River
1957.	Gilbert F. VanBlarcom, Fall River

---





NEW BEDFORD INSTITUTE OF TEXTILES AND TECHNOLOGY

John E. Foster, President  
Mary F. Makin, Treasurer

Trustees

Ex Officio, His Honor, Arthur N. Harriman, Mayor  
Ex Officio, John J. Desmond, Jr., Commissioner of Education  
Ex Officio, W. Kenneth Burke, Superintendent of Schools

Term Expires

1956.	Joseph Dawson, Jr., Chairman, South Dartmouth
1955.	John Bertente, Jr., New Bedford
1955.	Albert Medeiros, New Bedford
1955.	Laurent Fauteux, New Bedford
1955.	Edmund Rigby, Fairhaven
1955.	Raymond R. McEvoy, Stoughton
1956.	Mrs. Ida Epstein, New Bedford
1956.	William E. King, New Bedford
1956.	William B. Ferguson, New Bedford
1956.	Clarence G. Bowman, New Bedford
1957.	John A. Shea, Taunton
1957.	Philip Manchester, Westport Harbor
1957.	Nils V. Nelson, Winthrop
1957.	Miss E. Ferris Almada, New Bedford
1957.	Henri F. Horn, Fall River

LOWELL TECHNOLOGICAL INSTITUTE OF MASSACHUSETTS

Martin J. Lydon, President

Trustees

Ex Officio, His Honor, John Janas, Mayor  
Ex Officio John J. Desmond, Jr., Commissioner of Education

Term Expires

1957.	Samuel Pinanski, Chairman, Brookline
1955.	John J. Delmore, Vice-Chairman, Lowell
1955.	Arthur W. Brown, Lawrence
1955.	Clifford L. Erving, Milton
1955.	George H. Dozois, Lowell
1955.	Barnett D. Gordon, Brookline
1956.	Harold V. Farnsworth, Winchester
1956.	Harold W. Leitch, Andover
1956.	Francis P. Madden, Winthrop
1956.	Homer W. Bourgeois, Lowell
1956.	Thomas T. Clark, Lowell
1957.	Frank W. Gainey, Lawrence
1957.	Ralph K. Hubbard, Webster
1957.	Alfred J. Traverse, Chelmsford
1957.	Doran S. Lyons, Lowell





UNIVERSITY OF MASSACHUSETTS, AMHERST

J. Paul Mather, President

Trustees

Ex Officio His Excellency, Christian A. Herter  
Ex Officio John J. Desmond, Jr., Commissioner of Education  
Ex Officio L. Roy Hawes, Commissioner of Agriculture  
Ex Officio J. Paul Mather, President of the University

Term Expires

1955.	Joseph W. Bartlett, Newton
1955.	Philip F. Whitmore, Sunderland
1956.	William M. Cashin, Milton
1956.	Grace A. Buxton, Worcester
1957.	Ernest Hoftyzer, Wellesley
1957.	Alden C. Brett, Belmont
1958.	Lewis Perry, Boston
1958.	Mrs. Elizabeth L. McNamara, Cambridge
1959.	Dennis M. Crowley, Boston
1959.	F. Roland McDermott, Wrentham
1960.	Frank L. Boyden, Deerfield
1960.	Ralph F. Taber, West Newton
1961.	Harry Dunlap Brown, Billerica
1961.	John W. Haigis, Greenfield

Officers of the Trustees

His Excellency, Christian A. Herter, President  
Joseph W. Bartlett, Chairman  
James W. Burke, Secretary, Amherst  
Kenneth W. Johnson, Treasurer, Amherst





FORMER MEMBERS OF THE BOARD OF EDUCATION OR THE  
ADVISORY BOARD

ORIGINAL MEMBERS—1837

James G. Carter  
Emerson Davis  
Edmund Dwight

Horace Mann  
Edward A. Newton  
Robert Rantoul, Jr.

Thomas Robbins  
Jared Sparks

George Putnam  
Charles Hudson  
George N. Briggs  
William G. Bates  
John W. James  
Elisha Bartlett  
Heman Humphrey  
Stephen C. Phillips  
Barnes Sears  
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Henry B. Hooker  
Stephen P. Webb  
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Joseph W. Ingraham  
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Emory Washburn  
Abner J. Phipps  
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APPOINTED SINCE  
William Rice  
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Gardiner G. Hubbard  
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Abby W. May  
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Thomas W. Higginson  
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Francis A. Walker  
Edward C. Carrigan  
Horace E. Scudder  
Elmer H. Capen  
Kate Gannett Wells  
Alice Freeman Palmer  
George I. Aldrich  
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Clinton C. Richmond  
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Roger Wolcott  
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-2-

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## SECRETARIES OF THE BOARD

1837-1848. Horace Mann  
 1849-1855. Barnas Sears  
 1856-1860. George S. Boutwell  
 1861-1876. Joseph White

1877-1893. John W. Dickinson  
 1894-1902. Frank A. Hill  
 1903-1904. C.B. Tillinghast  
 1904-1915. George H. Martin

## COMMISSIONERS OF EDUCATION

1909-1915. David Snedden  
 1916-1935. Payson Smith  
 1935-1938. James G. Reardon

1939-1943. Walter F. Downey  
 1943-1946. Julius E. Warren  
 1946- John J. Desmond, Jr.





## REPORT OF THE COMMISSIONER OF EDUCATION

To The

BOARD OF EDUCATION

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School Year Ending June 30, 1955

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## BOARD OF COLLEGIATE AUTHORITY

The Board of Collegiate Authority conducted eight public hearings on Articles of Organization, Certificates of Change of Name, or Certificates of Change of Purpose referred to it by the Commissioner of Corporations and Taxation as required in section 30, chapter 69, General Laws, as amended by Chapter 549 of the Acts of 1943 and Chapter 290 of the Acts of 1953. The Board approved the following:

### Lesley College

The Certificate of Change of Purpose of the Trustees of Lesley College, Cambridge, Massachusetts to operate and maintain a college for men or women, or both, and to carry on all the functions and activities usually incident thereto; to prepare men or women, or both, for positions of professional leadership in schools and colleges—specifically as teachers, supervisors, specialists, and administrators; to provide undergraduate and graduate education not above the master's degree level in accordance with these purposes, with authority to confer honorary degrees, and degrees appropriate to the courses of study in a teachers college, was approved by the Board on October 26, 1954.

### Greek Archdiocese Theological Institute

The Certificate of Change of Purpose of the Directors of Greek Archdiocese Theological Institute, Incorporated, Brookline, Massachusetts for authority to grant the degree of Bachelor of Arts in Theology was approved by the Board of Collegiate Authority on November 23, 1954.

### Emerson College

The Certificate of Change of Purpose of the Directors of Emerson College, Boston for authority to confer the degrees of Bachelor of Science in Speech, the Master of Science in Speech and the honorary degrees of Master of Arts, Doctor of Humanities, Doctor of Literature, and Doctor of Laws in addition to the degrees already authorized, namely, Bachelor of Literary Interpretation, Bachelor of Arts, and Master of Arts was approved by the Board of Collegiate Authority on February 15, 1955.

### Tufts University

The Certificate of Change of Purpose of the Board of Trustees of the Trustees of Tufts College, Medford, Massachusetts for authority to use the title Tufts University, in addition to the name of Trustees of Tufts College which remains its corporate name, was approved by the Board of Collegiate Authority on March 15, 1955.





Regina Coeli College

The Certificate of Change of Purpose of the Directors of the Sisters of the Presentation B.V.M. Incorporated to establish, conduct, and maintain within the Commonwealth of Massachusetts a college to be known as Regina Coeli College, and to grant and confer all degrees as are usually conferred by colleges in the Commonwealth of Massachusetts except medical degrees and degrees of bachelor of laws was approved by the Board on May 24, 1955.

New Bedford Institute of Textiles and Technology

The New Bedford Institute of Textiles and Technology, New Bedford, which received its degree-granting privilege directly from the Legislature subject to approval of its faculty, equipment, and courses of instruction by the Board of Collegiate Authority was given the following additional approvals during the year 1954-55:

Curricular approved including the new option in Knitting leading to the degree of Bachelor of Science in Textile Engineering - approved by Board of Collegiate Authority October 26, 1954.

Faculty, equipment, and courses of instruction leading to the degree of Bachelor of Science in Mechanical Engineering, and Bachelor of Science in Electrical Engineering was approved January 25, 1955.

Faculty, equipment, and course of instruction leading to the degree of Master of Science in Textile Engineering and/or the Master of Science in Textile Chemistry was approved April 26, 1955.

The Board of Collegiate Authority at its meeting of January 25, 1955 withdrew the authority to confer the degree of Bachelor of Science in Machine Design.





LEGISLATION  
1955

The following statutes relating to education and public service were enacted by the 1955 legislature:

Chapter

- 514 - An Act relative to the powers and duties of the Board of Education.
- 565 - An Act establishing the salaries of superintendents of twelve grade regional school districts.
- 626 - An Act providing for reimbursement by the commonwealth of certain costs of conducting special classes approved by the division of special education by certain regional school districts.
- 680 - An Act to facilitate and provide for on-farm training, so called, for veterans of the Korean emergency.
- 684 - An Act to authorize the examination of the feet of school children by chiropodists.
- 700 - An Act authorizing the commonwealth to enter into an agreement with the secretary of health, education and welfare to carry out the provisions of the federal social security act relating to the making of determinations of disability under title II of said act.
- 766 - An Act relative to the functions and duties of the youth service board and providing for the reorganization of the advisory committee on service to youth.
- 767 - An Act providing for the extension of the date of termination of the act to meet certain contingencies arising in connection with the service of public officers and employees and certain other persons in the military or naval forces of the United States, and extending the benefits of said act.
- 772 - An Act relative to special classes for the physically handicapped.





## DIVISION OF RESEARCH AND STATISTICS

## COMPARATIVE STATISTICS

Comparison of certain totals for the Commonwealth for the year 1944-45, as given in the preceding tables, with the corresponding totals for 1954-55, and the per cent of increase or decrease during the ten-year period.

Column in preceding table	ITEM	1944-45	1954-55	Per cent increase or decrease <sup>1/2/</sup>
POPULATION				
1	Population, U. S. Censuses..... 1940 and 1950	4,316,721	4,690,514	8.7
	Registration of minors October 1, 1944 and 1954:			
130	Persons 5 to 7 years of age.....	113,852	177,321	55.7
135	Persons 7 to 16 years of age.....	560,561	672,906	20.0
142	Illiterate minors 16 to 21 years of age.....	1,710	942	44.9 <sup>2/</sup>
PUBLIC DAY SCHOOLS, ELEMENTARY, JUNIOR HIGH AND HIGH				
6	Principals, supervisors, and teachers.....	23,862	29,298	22.8
8	Pupils enrolled.....	592,172	724,885	22.4
10	Average daily attendance.....	514,334	643,692	25.2
12	Average membership.....	559,637	696,827	24.5
PUBLIC DAY ELEMENTARY SCHOOLS (Grades 1-8)				
44-57	Principals, supervisors, and teachers.....	5,452	7,553	38.5
58,59	Pupils enrolled.....	137,162	199,543	45.5
62	Average daily attendance.....	121,384	180,210	48.5
63	Average membership.....	130,924	194,002	48.2
PUBLIC DAY ELEMENTARY SCHOOLS (Grades 1-6)				
68-71	Principals, supervisors, and teachers.....	7,994	10,876	36.1
72,73	Pupils enrolled.....	225,893	297,756	31.8
76	Average daily attendance.....	193,985	260,629	34.4
77	Average membership.....	213,109	284,539	33.5

<sup>1/</sup> Includes Regional District Schools

<sup>2/</sup> Decrease





-2-

Column in preceding table	ITEM	1944-45	1954-55 <sup>1/</sup>	Per cent increase or decrease <sup>2/</sup>
PUBLIC DAY JUNIOR HIGH SCHOOLS (Grades 7 - 9)				
82,83	Principals, supervisors, and teachers.....	3,939	4,001	1.6
85,86	Pupils enrolled.....	90,938	95,315	4.8
89	Average daily attendance.....	79,937	86,073	7.7
90	Average membership.....	86,734	92,437	6.6
PUBLIC DAY HIGH SCHOOLS (Grades 10-12)				
95,96	Principals, supervisors, and teachers.....	3,962	3,921	1.0 <sup>2/</sup>
98,99	Pupils enrolled.....	85,686	75,791	11.5 <sup>2/</sup>
102	Average daily attendance.....	73,503	65,816	10.5 <sup>2/</sup>
103	Average membership.....	79,765	71,566	10.3 <sup>2/</sup>
PUBLIC DAY HIGH SCHOOLS (Four-year)				
109,110	Principals, supervisors, and teachers.....	2,515	2,947	17.2
112,113	Pupils enrolled.....	52,493	56,480	7.6
116	Average daily attendance.....	45,525	50,964	11.9
117	Average membership.....	49,105	54,283	10.5
PUBLIC EVENING SCHOOLS				
	Cities and towns maintaining..	32	43	34.4
	Teachers.....	460	778	69.1
	Pupils enrolled.....	12,006	22,679	88.9
	Expenditure.....	\$176,380.15	\$415,617.86	135.6
PUBLIC VACATION SCHOOLS				
	Cities and towns maintaining..	11	14	27.3
	Teachers.....	152	220	44.7
	Pupils enrolled.....	4,881	5,589	14.5
	Expenditure.....	\$27,808.94	\$87,944.60	216.2
VALUATION				
2	Valuation for 1944 and 1954...	\$6,171,920,218	\$8,130,110,151	31.7
	Valuation per pupil in the average membership.....	11,028	12,128	10.0
ITEMIZED EXPENDITURES				
16	General control, including salaries and expenses of school committees and superintendents.....	\$3,049,976,46	\$5,858,575.89	92.1
	Cost per pupil in average membership.....	5.45	8.74	60.4

<sup>1/</sup> Includes Regional District Schools<sup>2/</sup> Decrease







-3-

Column in preceding table	ITEM	1944-45	1954-55 <sup>1/</sup>	Per cent increase or decrease <sup>2/</sup>
17	Salaries of principals, supervisors, and teachers.....	\$54,117,745.39	\$123,178,178.97	127.6
	Cost per pupil in average membership.....	96.70	183.75	90.0
18	Textbooks.....	856,215.88	2,437,219.92	184.7
	Cost per pupil in average membership.....	1.53	3.64	137.9
19	Other expenses of instruction	1,942,721.33	5,857,658.02	201.5
	Cost per pupil in average membership.....	3.47	8.74	151.9
20	Operation of school plant, janitor service and fuel included.....	9,553,554.15	20,920,833.94	119.0
	Cost per pupil in average membership.....	17.07	31.21	82.8
21	Repairs, replacement, and upkeep.....	2,838,498.62	8,423,593.79	196.8
	Cost per pupil in average membership.....	5.07	12.57	147.9
22	Libraries.....	70,735.22	279,173.34	294.7
	Cost per pupil in average membership.....	.13	.42	223.1
23	Promotion of health.....	1,283,948.07	2,730,623.25	112.7
	Cost per pupil in average membership.....	2.29	4.07	77.7
24	Transportation.....	2,072,109.67	6,007,976.21	189.9
	Cost per pupil in average membership.....	3.70	8.96	142.2
25	Tuition.....	680,643.60	2,078,029.15	205.3
	Cost per pupil in average membership.....	1.22	3.10	154.1
26	Physical Education.....	- <sup>3/</sup>	1,416,172.13	-
	Cost per pupil in average membership.....	- <sup>3/</sup>	2.11	-
27	School Lunch.....	- <sup>3/</sup>	586,786.93	-
	Cost per pupil in average membership.....	- <sup>3/</sup>	.88	-
27a	Miscellaneous expenditures for support.....	779,388.98	2,328,401.98	198.7
	Cost per pupil in average membership.....	1.39	3.47	149.6
28	Total for support, including ordinary repairs.....	77,245,537.37	182,103,223.52	135.7
	Cost per pupil in average membership.....	138.03	271.65	96.8

<sup>1/</sup> Includes Regional District Schools<sup>2/</sup> Decrease<sup>3/</sup> No comparable figures for 1944-45





-4-

Column in preceding table	ITEM	1944-45	1954-55 <sup>1/</sup>	Per cent increase or <sup>2/</sup> decrease
31	Total for outlay--new school- houses, alterations and permanent repairs.....	\$311,249.00	\$38,949,125.50	12,413.8
	Cost per pupil in average membership.....	.56	58.10	10,275.0
28,31	Total for support and outlay..	\$77,556,786.37	\$221,052,349.02	185.0
	Cost per pupil in average membership.....	138.58	329.75	137.9

<sup>1/</sup> Includes Regional District Schools<sup>2/</sup> Decrease





THE COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF EDUCATION

Division of Research and Statistics

John W. McDèvitt, Chairman of the Board

John J. Desmond, Jr.  
Raymond A. FitzGerald

Commissioner of Education  
Deputy Commissioner of Education

1954 - 1955

State Reimbursement to CITIES and TOWNS of certain sums collected by the State as income tax; a sum inuring to the State as interest from the Massachusetts School Fund; and sums accruing from other sources, which are distributed to cities and towns, USING CERTAIN FACTORS OF THE INDIVIDUAL CITY AND TOWN SCHOOL SYSTEMS, (pursuant to the provision of G. L., c. 70, sec. 1-10, inclusive, and c. 71, sec. 7A and 65) AS YARDSTICKS OF MEASUREMENT in the specific determinations.

	Governed by General Laws	No. of towns Receiving	Amount Received	Source
1. School Fund and Aid to Public Schools	Chapter 70	351	\$24,244,078.52	Mass. School Fund and Income Tax
1A. Reimbursement on account of Mentally Retarded	Chap. 70,s.3C	101	1,211,451.14	Appropriation from Income Tax
2. All School Transportation Reimbursement	Chapter 71	281 (plus 1 region)	3,398,169.33	Appropriation from Income Tax
3. Reimbursement on account of salary and traveling expenses of union superintendents	Chapter 71	157	175,852.14	Department of Education Appropriation
	TOTAL.....		\$29,029,551.13	
<hr/>				
	<u>No. of Children</u>			
4. Reimbursement for Higher Education of children of deceased World War Veterans	Chap. 69, s. 7b	108	77,305.29	Department of Education Appropriation
5. Reimbursement of Deaf and Blind	Chap. 69, s. 26-29	753	1,136,711.80	Department of Education Appropriation
	TOTAL.....		\$1,214,017.09	
	GRAND TOTAL.....		\$30,243,568.22	

CTT/L  
200

January, 1956



Page 10 of 10

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THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

Division of Research and Statistics

John W. McDevitt, Chairman of the Board

John J. Desmond, Jr.  
Raymond A. FitzGerald

Commissioner of Education  
Deputy Commissioner of Education

SCHOOL COSTS

Per Pupil Expenditure (in Average Membership) for School Support in Public Schools of Massachusetts  
For School Year 1954-55 -- By Major Divisions of the School Budget

	STATE		GROUP I		GROUP II		GROUP III		GROUP IV	
	Cost per pupil	Per cent	Cost per pupil	Per cent	Cost per pupil	Per cent	Cost per pupil	Per cent	Cost per pupil	Per cent
General Control	\$ 8.41	3.2	\$ 8.27	3.1	\$ 7.51	3.1	\$ 10.60	4.4	\$ 12.21	4.1
Salaries	176.77	67.6	189.93	70.1	167.93	68.5	150.16	52.5	132.92	44.6
Textbooks	3.50	1.4	2.95	1.1	3.99	1.6	4.64	1.9	4.44	1.5
Other Expenses (Supplies)	8.41	3.2	8.49	3.1	8.65	3.5	7.89	3.3	6.69	2.2
Janitor Service, Fuel, and Miscellaneous Expenses	30.02	11.5	32.01	11.8	27.68	11.3	27.62	11.5	27.40	9.2
Repairs, Replacement, and Upkeep	12.09	4.6	14.09	5.2	10.46	4.3	7.73	3.2	7.93	2.7
Libraries	0.40	0.2	0.17	0.1	0.82	0.3	0.44	0.2	0.19	0.1
Health	3.92	1.5	4.50	1.6	3.24	1.3	3.00	1.2	3.44	1.2
Transportation	8.62	3.3	2.75	1.0	10.00	4.1	22.76	9.5	41.91	14.1
Tuition	2.98	1.1	0.29	0.1	0.48	0.2	0.45	0.2	57.53	19.3
Physical Education	2.03	0.8	2.39	0.9	1.76	0.7	1.67	0.7	0.35	0.1
School Lunch	0.84	0.3	0.64	0.2	1.06	0.4	1.07	0.4	1.24	0.4
Miscellaneous	3.34	1.3	4.60	1.7	1.74	0.7	2.32	1.0	1.53	0.5
TOTAL	\$261.33	100.0	\$271.07	100.0	\$245.32	100.0	\$240.34	100.0	\$297.79	100.0

CTT/B/L  
Group I - Cities  
Group II - Towns over 5,000 maintaining high schools.  
December, 1955  
700

Group III - Towns under 5,000 maintaining high schools.

Group IV - Towns under 5,000 not maintaining high school.





THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

Research and Statistics

John J. Desmond, Jr.

Commissioner of Education

Raymond A. FitzGerald

Deputy Commissioner of Education

Length of School Day and Number of Sessions in Public Schools  
School Year 1953-1954

CITY OR TOWN	LENGTH OF DAY						NUMBER OF SESSIONS		
	ELEM.		JR. HIGH		HIGH		ELEM.	JR. HIGH	HIGH
	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
	1.	2.	3.	4.	5.	6.	7.	8.	9.
Abington	5	30	6	-	6	-	1	-	1
Acton	6	-	4	-	4	-	1	1	1
Acushnet	5	-	-	-	-	-	2	-	-
Adams	5	30	5	-	5	-	2	2	2
Agawam	(4	30							
	(5	30	5	30	5	30	2	2	2
Alford	5	-	-	-	-	-	2	-	-
Amesbury	4	50	4	30	5	30	2	1	1
Amherst	5	-	6	-	6	-	2	1	1
Andover	4	30	5	15	5	15	2	1	1
Arlington	5	-	6	-	6	15	2	1	1
Ashburnham	5	15	-	-	-	-	2	-	-
Ashby	6	-	6	-	6	-	1	1	1
Ashfield	5	-	-	-	5	50	2	-	2
Ashland	4	45	-	-	5	15	2	-	1
Athol	5	-	-	-	5	30	2	-	1
Attleboro	5	-	-	-	5	30	2	-	1
Auburn	5	-	5	-	5	-	2	1	1
Avon	5	-	6	-	6	-	1	1	1
Ayer	5	15	5	30	5	30	1	1	1
Barnstable	6	-	5	45	5	45	2	1	1
Barre	5	-	-	-	5	30	2	-	1
Becket	5	-	-	-	-	-	2	-	-
Bedford	5	-	5	30	-	-	1	1	-
Belchertown	5	-	-	-	5	30	2	-	2
Bellingham	5	-	-	-	5	-	2	-	1
Belmont	5	-	5	30	5	45	2	1	1
Berkley	5	-	-	-	-	-	2	-	-
Berlin	5	10	-	-	-	-	2	-	-
Bernardston	5	30	5	30	5	30	2	1	1
Beverly	5	-	5	45	5	45	2	1	1
Billerica	5	-	4	30	4	30	2	1	1
Blackstone	5	-	-	-	5	30	2	-	1
Blandford	5	15	-	-	-	-	2	-	-
Bolton	5	30	-	-	-	-	1	-	-
Boston	5	-	5	30	5	30	1	1	1





-2-

CITY OR TOWN	Hrs. Min.		Hrs. Min.		Hrs. Min.				
	1.	2.	3.	4.	5.	6.	7.	8.	9.
Bourne	5	-	-	-	5	15	2	-	1
Boxborough	5	15	-	-	-	-	2	-	-
Boxford	4	45	-	-	-	-	2	-	-
Boylston	5	-	-	-	-	-	2	-	-
Braintree	5	25	5	45	6	3	1	1	1
Brewster	5	5	-	-	-	-	1	-	-
Bridgewater	5	-	-	-	6	12	2	-	1
Brimfield	6	10	-	-	6	15	2	-	2
Brockton	5	-	5	15	5	45	2	1	1
Brookfield	5	5	5	5	5	5	2	2	2
Brookline	(4	-							
	(4	30	-	-	5	-	1	-	1
Buckland	5	-	-	-	-	-	2	-	-
Burlington	5	15	5	15	5	15	1	1	1
Cambridge	5	-	-	-	5	30	2	-	1
Canton	4	45	-	-	5	30	2	-	1
Carlisle	5	30	-	-	-	-	1	-	-
Carver	5	50	-	-	-	-	1	-	-
Charlemont	5	-	-	-	5	-	2	-	1
Charlton	4	45	-	-	5	30	2	-	1
Chatham	5	30	5	30	5	30	2	2	2
Chelmsford	5	-	-	-	5	30	2	-	1
Chelsea	(4	-							
	(5	-	5	30	5	30	1	1	1
Cheshire	5	-	-	-	-	-	2	-	-
Chester	5	-	-	-	5	20	2	-	2
Chesterfield	5	30	-	-	-	-	1	-	-
Chicopee	5	-	6	-	5	45	2	1	1
Chilmark	5	-	-	-	-	-	2	-	-
Clarksburg	5	-	-	-	-	-	2	-	-
Clinton	4	45	5	-	5	-	2	1	1
Cohasset	(4	-							
	(5	-	5	30	5	30	1	1	1
Colrain	5	-	-	-	-	-	2	-	-
Concord	5	45	5	45	5	50	2	1	1
Conway	5	-	-	-	-	-	2	-	-
Cummington	5	15	5	15	-	-	2	2	-
Dalton	5	15	6	20	6	20	2	2	2
Danvers	5	-	5	45	5	45	1	1	1
Dartmouth	4	45	-	-	6	20	2	-	1
Bedham	5	-	-	-	5	25	2	-	1
Deerfield	5	-	-	-	5	-	2	-	2
Dennis	5	15	-	-	-	-	1	-	-
Dighton	5	-	-	-	6	-	2	-	1
Douglas	5	-	-	-	5	50	2	-	1
Dover	5	30	5	45	5	45	2	1	1
Dracut	5	15	-	-	5	30	1	-	1
Dudley	5	-	6	-	-	-	2	1	-
Dunstable	5	20	-	-	-	-	1	-	-
Duxbury	5	-	5	20	5	20	1	1	1





-3-

CITY OR TOWN	Hrs. Min.		Hrs. Min.		Hrs. Min.				
	1.	2.	3.	4.	5.	6.	7.	8.	9.
East Bridgewater	5	-	5	45	5	45	2	1	1
East Brookfield	5	-	-	-	-	-	2	-	-
Eastham	5	30	-	-	-	-	1	-	-
Easthampton	5	-	-	-	5	15	2	-	1
East Longmeadow	5	-	5	-	-	-	2	2	-
Easton	5	20	6	-	6	-	2	1	1
Edgartown	5	30	-	-	5	30	2	-	2
Egremont	5	15	-	-	-	-	2	-	-
Erving	5	30	-	-	-	-	2	-	-
Essex	5	30	-	-	-	-	1	-	-
Everett	5	-	5	30	5	30	1	1	1
Fairhaven	4	55	-	-	5	15	2	-	1
Fall River	5	-	6	-	5	40	2	1	1
Falmouth	5	30	6	-	6	-	1	1	1
Fitchburg	5	50	-	-	5	45	2	-	1
Florida	5	30	-	-	-	-	2	-	-
Foxborough	5	-	5	30	5	30	2	1	1
Framingham	5	45	5	45	5	45	1	1	1
Franklin	5	15	5	15	5	50	2	2	1
Freetown	5	-	-	-	-	-	2	-	-
Gardner	5	-	6	-	5	-	2	1	1
Gay Head	6	-	-	-	-	-	2	-	-
Georgetown	4	30	-	-	4	50	2	-	2
Gill	5	15	-	-	-	-	2	-	-
Gloucester	5	-	-	-	5	-	2	-	1
Goshen	5	30	-	-	-	-	2	-	1
Gosnold	6	-	-	-	-	-	2	-	-
Grafton	5	-	5	30	5	30	2	1	1
Granby	5	-	-	-	6	-	2	-	1
Granville	5	30	-	-	-	-	2	-	-
Great Barrington	5	15	-	-	6	25	2	-	1
Greenfield	5	-	5	45	5	50	2	2	1
Groton	5	35	5	35	5	35	1	1	1
Groveland	5	-	-	-	-	-	2	-	-
Hadley	5	-	-	-	5	30	1	-	1
Halifax	6	-	-	-	-	-	1	-	-
Hamilton	5	30	-	-	5	30	1	-	1
Hampden	5	-	-	-	-	-	1	-	-
Hancock	5	-	-	-	-	-	2	-	-
Hanover	5	30	5	30	5	30	1	1	1
Hanson	5	30	5	30	5	30	1	1	1
Hardwick	5	-	-	-	5	30	2	-	1
Harvard	5	30	-	-	5	30	1	-	1
Harwich	4	30	5	30	5	30	2	2	2
Hatfield	5	-	-	-	5	15	2	-	1
Haverhill	(4	45	-	-	-	-	-	-	-
	(5	-	-	-	5	30	2	-	1
Hawley	5	-	-	-	-	-	2	-	-
Heath	5	-	-	-	-	-	2	-	-
Hingham	5	-	5	45	5	45	2	1	1





-4-

CITY OR TOWN	Hrs. Min.		Hrs. Min.		Hrs. Min.		7.	8.	9.
	1.	2.	3.	4.	5.	6.			
Hinsdale	5	30	-	-	-	-	2	-	-
Holbrook	5	-	5	40	5	40	1	1	1
Holden	5	-	-	-	5	-	2	-	2
Holland	5	15	-	-	-	-	2	-	-
Holliston	5	-	-	-	5	15	2	-	1
Holyoke	5	-	5	30	5	45	2	1	1
Hopedale	4	45	5	15	5	55	2	2	1
Hopkinton	4	45	-	-	5	-	2	-	1
Hubbardston	5	-	-	-	-	-	2	-	-
Hudson	5	15	-	-	5	-	2	-	1
Hull	5	45	-	-	-	-	1	-	-
Huntington	5	15	5	30	5	30	2	2	2
Ipswich	(4	-							
	(5	30	-	-	5	30	2	-	1
Kingston	6	-	6	-	6	-	1	1	1
Lakeville	(5	10							
	(5	50	-	-	-	-	1	-	-
Lancaster	5	10	-	-	5	10	1	-	1
Lanesborough	5	-	-	-	-	-	2	-	-
Lawrence	4	45	-	-	5	15	2	-	1
Lee	5	10	-	-	5	-	2	-	2
Leicester	5	-	-	-	4	50	2	-	1
Lenox	5	-	-	-	5	-	2	-	2
Leominster	5	-	5	45	6	-	2	1	1
Leverett	5	30	-	-	-	-	1	-	-
Lexington	5	-	5	45	5	45	2	1	1
Leyden	5	-	-	-	-	-	2	-	-
Lincoln	5	40	-	-	-	-	1	-	-
Littleton	5	30	-	-	5	30	1	-	1
Longmeadow	5	-	5	5	-	-	2	2	-
Lowell	5	-	5	30	5	30	2	1	1
Ludlow	4	50	5	20	5	20	2	1	1
Lunenburg	6	-	-	-	6	-	1	-	1
Lynn	5	-	6	-	6	-	2	1	1
Lynnfield	5	45	5	45	-	-	1	1	-
Malden	5	-	6	-	5	30	1	1	1
Manchester	4	35	-	-	6	-	1	-	1
Mansfield	5	-	-	-	5	20	2	-	2
Marblehead	5	-	6	-	6	-	1	1	1
Marion	5	-	5	-	-	-	2	2	-
Marlborough	5	-	-	-	5	30	2	-	1
Marshfield	6	-	6	-	6	-	1	1	1
Mashpee	5	-	-	-	-	-	2	-	-
Mattapoisett	5	-	5	-	-	-	1	1	-
Maynard	5	15	-	-	5	-	2	2	1
Medfield	5	10	5	10	5	10	1	1	1
Medford (3 days)	5	30							
(2 days)	3	30	5	30	5	30	2	1	1



Date		Description		Amount	
1890	Jan 1	Balance		100.00	
	Feb 1	Interest		5.00	
	Mar 1	Interest		5.00	
	Apr 1	Interest		5.00	
	May 1	Interest		5.00	
	Jun 1	Interest		5.00	
	Jul 1	Interest		5.00	
	Aug 1	Interest		5.00	
	Sep 1	Interest		5.00	
	Oct 1	Interest		5.00	
	Nov 1	Interest		5.00	
	Dec 1	Interest		5.00	
1891	Jan 1	Balance		100.00	
	Feb 1	Interest		5.00	
	Mar 1	Interest		5.00	
	Apr 1	Interest		5.00	
	May 1	Interest		5.00	
	Jun 1	Interest		5.00	
	Jul 1	Interest		5.00	
	Aug 1	Interest		5.00	
	Sep 1	Interest		5.00	
	Oct 1	Interest		5.00	
	Nov 1	Interest		5.00	
	Dec 1	Interest		5.00	

-5-

CITY OR TOWN	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.			
	1.	2.	3.	4.	5.	6.	7.	8.	9.
Medway	5	-	-	-	5	-	2	-	1
Melrose	(4	30	-	-	6	15	2	-	1
	(5	-	-	-	5	-	2	-	1
Mendon	5	-	-	-	5	-	2	-	1
Merrimac	5	-	4	30	4	30	2	1	1
Methuen	5	-	-	-	5	-	2	-	1
Middleborough	5	-	-	-	5	30	2	-	1
Middlefield	5	-	-	-	-	-	2	-	-
Middleton	5	-	-	-	-	-	1	-	-
Milford	5	15	-	-	5	30	2	-	1
Millbury	5	15	5	41	5	48	2	1	1
Millis	5	-	5	30	5	30	1	1	1
Millville	5	-	-	-	-	-	2	-	-
Milton	5	-	6	-	6	-	2	1	1
Monroe	5	-	-	-	-	-	2	-	-
Monson	6	-	6	15	6	15	2	2	2
Montague	5	-	-	-	5	-	2	-	1
Monterey		Under			Regional		Administration		
Montgomery	-	-	-	-	-	-	-	-	-
Mt. Washington	-	-	-	-	-	-	-	-	-
Nahant	(4	-	-	-	-	-	-	-	-
	(5	-	5	30	-	-	1	1	-
Nantucket	5	-	-	-	5	50	2	-	2
Natick	(3	-	-	-	-	-	-	-	-
	(4	45	6	-	5	45	2	1	1
Needham	5	30	6	-	6	-	1	1	1
New Ashford	5	-	-	-	-	-	2	-	-
New Bedford	5	-	5	30	5	-	2	1	1
New Braintree	6	30	-	-	-	-	2	-	-
Newbury	5	-	-	-	-	-	2	-	-
Newburyport	5	-	-	-	5	30	2	-	1
New Marlborough	6	-	-	-	6	-	2	-	2
New Salem	5	15	-	-	-	-	2	-	-
Newton	(3	30	-	-	-	-	-	-	-
	(2	-	6	-	6	-	2	1	1
Norfolk	5	-	-	-	-	-	1	-	-
North Adams	5	-	-	-	6	-	2	-	1
Northampton	5	-	-	-	5	45	2	-	1
North Andover	5	30	-	-	5	45	2	-	1
No. Attleborough	6	30	5	50	5	50	2	1	1
Northborough	4	45	-	-	5	15	2	-	2
Northbridge	6	-	6	-	6	-	1	1	1
No. Brookfield	5	5	-	-	5	15	2	-	2
Northfield	5	30	5	30	5	30	2	1	1
North Reading	5	-	5	-	-	-	2	2	-
Norton	5	-	5	45	5	45	1	1	1
Norwell	5	30	5	30	5	30	1	1	1
Norwood	4	13	5	33	5	5	2	2	1
Oak Bluffs	5	15	-	-	5	15	2	-	2





-6-

CITY OR TOWN	Hrs. Min.		Hrs. Min.		Hrs. Min.		7.	8.	9.
	1.	2.	3.	4.	5.	6.			
Oakham	5	-	-	-	-	-	2	-	-
Orange	5	-	-	-	5	45	2	-	1
Orleans	4	45	5	15	5	15	2	-	2
Otis	5	30	-	-	-	-	2	-	-
Oxford	(5	-	-	-	-	-	-	-	-
	(5	30	-	-	5	30	2	-	1
Palmer	5	-	-	-	5	30	2	-	1
Paxton	5	30	-	-	-	-	2	-	-
Peabody	5	15	-	-	5	10	1	-	1
Pelham	5	-	-	-	-	-	2	-	-
Pembroke	6	-	-	-	5	30	1	-	1
Pepperell	5	25	4	-	4	20	1	1	1
Peru	5	30	-	-	-	-	2	-	-
Petersham	5	15	-	-	5	15	1	-	1
Phillipston	5	-	-	-	-	-	2	-	-
Pittsfield	(3	-	-	-	-	-	-	-	-
	(2	-	6	-	6	-	2	1	1
Plainfield	5	30	-	-	-	-	2	-	-
Plainville	5	-	-	-	5	-	2	-	1
Plymouth	(4	30	-	-	-	-	-	-	-
	(5	-	5	30	5	30	2	1	1
Plympton	6	-	-	-	-	-	1	-	-
Princeton	4	30	5	-	-	-	2	2	-
Provincetown	5	-	5	30	5	30	2	1	1
Quincy	5	-	6	-	6	-	2	1	1
Randolph	5	-	5	45	5	45	2	1	1
Raynham	5	-	-	-	-	-	2	-	-
Reading	4	45	6	-	6	-	2	1	1
Rehoboth	5	-	5	-	-	-	2	2	-
Revere	5	-	5	-	5	-	2	1	1
Richmond	5	15	-	-	-	-	2	-	-
Rochester	5	10	-	-	-	-	2	-	-
Rockland	5	-	5	-	5	-	1	1	1
Rockport	5	-	6	-	6	-	2	1	1
Rowe	5	-	-	-	-	-	2	-	-
Rowley	4	45	-	-	-	-	2	-	-
Royalston	5	-	-	-	-	-	2	-	-
Russell	5	15	-	-	-	-	2	-	-
Rutland	5	-	-	-	5	-	2	-	2
Salem	5	15	-	-	5	-	1	-	1
Salisbury	(4	15	-	-	-	-	-	-	-
	(5	-	-	-	-	-	2	-	-
Sandisfield	5	15	-	-	-	-	1	-	-
Sandwich	5	10	-	-	5	15	2	-	1
Saugus	5	10	-	-	5	45	1	-	1
Savoy	5	30	-	-	-	-	2	-	-
Scituate	5	45	4	30	4	30	1	2	2
Seekonk	5	-	5	-	-	-	2	2	-
Sharon	5	-	6	-	6	-	2	2	2

Date		Description		Amount	
Jan 1		Balance		100.00	
Jan 5		Received from A. B.		25.00	
Jan 10		Received from C. D.		15.00	
Jan 15		Received from E. F.		10.00	
Jan 20		Received from G. H.		5.00	
Jan 25		Received from I. J.		3.00	
Jan 30		Received from K. L.		2.00	
Feb 1		Received from M. N.		1.00	
Feb 5		Received from O. P.		1.00	
Feb 10		Received from Q. R.		1.00	
Feb 15		Received from S. T.		1.00	
Feb 20		Received from U. V.		1.00	
Feb 25		Received from W. X.		1.00	
Feb 30		Received from Y. Z.		1.00	
Mar 1		Received from A. B.		1.00	
Mar 5		Received from C. D.		1.00	
Mar 10		Received from E. F.		1.00	
Mar 15		Received from G. H.		1.00	
Mar 20		Received from I. J.		1.00	
Mar 25		Received from K. L.		1.00	
Mar 30		Received from M. N.		1.00	
Apr 1		Received from O. P.		1.00	
Apr 5		Received from Q. R.		1.00	
Apr 10		Received from S. T.		1.00	
Apr 15		Received from U. V.		1.00	
Apr 20		Received from W. X.		1.00	
Apr 25		Received from Y. Z.		1.00	
Apr 30		Received from A. B.		1.00	
May 1		Received from C. D.		1.00	
May 5		Received from E. F.		1.00	
May 10		Received from G. H.		1.00	
May 15		Received from I. J.		1.00	
May 20		Received from K. L.		1.00	
May 25		Received from M. N.		1.00	
May 30		Received from O. P.		1.00	
Jun 1		Received from Q. R.		1.00	
Jun 5		Received from S. T.		1.00	
Jun 10		Received from U. V.		1.00	
Jun 15		Received from W. X.		1.00	
Jun 20		Received from Y. Z.		1.00	
Jun 25		Received from A. B.		1.00	
Jun 30		Received from C. D.		1.00	
Jul 1		Received from E. F.		1.00	
Jul 5		Received from G. H.		1.00	
Jul 10		Received from I. J.		1.00	
Jul 15		Received from K. L.		1.00	
Jul 20		Received from M. N.		1.00	
Jul 25		Received from O. P.		1.00	
Jul 30		Received from Q. R.		1.00	
Aug 1		Received from S. T.		1.00	
Aug 5		Received from U. V.		1.00	
Aug 10		Received from W. X.		1.00	
Aug 15		Received from Y. Z.		1.00	
Aug 20		Received from A. B.		1.00	
Aug 25		Received from C. D.		1.00	
Aug 30		Received from E. F.		1.00	
Sep 1		Received from G. H.		1.00	
Sep 5		Received from I. J.		1.00	
Sep 10		Received from K. L.		1.00	
Sep 15		Received from M. N.		1.00	
Sep 20		Received from O. P.		1.00	
Sep 25		Received from Q. R.		1.00	
Sep 30		Received from S. T.		1.00	
Oct 1		Received from U. V.		1.00	
Oct 5		Received from W. X.		1.00	
Oct 10		Received from Y. Z.		1.00	
Oct 15		Received from A. B.		1.00	
Oct 20		Received from C. D.		1.00	
Oct 25		Received from E. F.		1.00	
Oct 30		Received from G. H.		1.00	
Nov 1		Received from I. J.		1.00	
Nov 5		Received from K. L.		1.00	
Nov 10		Received from M. N.		1.00	
Nov 15		Received from O. P.		1.00	
Nov 20		Received from Q. R.		1.00	
Nov 25		Received from S. T.		1.00	
Nov 30		Received from U. V.		1.00	
Dec 1		Received from W. X.		1.00	
Dec 5		Received from Y. Z.		1.00	
Dec 10		Received from A. B.		1.00	
Dec 15		Received from C. D.		1.00	
Dec 20		Received from E. F.		1.00	
Dec 25		Received from G. H.		1.00	
Dec 30		Received from I. J.		1.00	
Total				100.00	



-7-

CITY OR TOWN	Hrs. Min.		Hrs. Min.		Hrs. Min.				
	1.	2.	3.	4.	5.	6.	7.	8.	9.
Sheffield	6	-	-	-	6	28	2	-	2
Shelburne	5	-	-	-	5	35	2	-	1
Sherborn	5	30	-	-	-	-	2	-	-
Shirley	5	15	-	-	-	-	2	-	-
Shrewsbury			(5	22					
	4	45	(5	20	5	22	2	2	2
Shutesbury	5	30	-	-	-	-	1	-	-
Somerset	5	15	6	-	6	-	2	1	1
Somerville	5	-	5	30	5	30	2	1	1
Southampton	5	15	-	-	-	-	2	-	-
Southborough	5	10	-	-	5	13	2	-	2
Southbridge	4	45	-	-	5	15	2	-	1
South Hadley	5	-	-	-	6	-	2	-	1
Southwick	4	-	-	-	-	-	2	-	-
Spencer	5	-	-	-	5	15	2	-	2
Springfield	(4	55							
	(5	15	6	-	6	15	2	1	1
Sterling	4	30	5	-	-	-	2	2	-
Stockbridge	5	-	-	-	6	-	2	-	1
Stoneham	5	30	5	30	5	30	1	1	1
Stoughton	5	-	6	-	6	-	2	1	1
Stow	5	30	-	-	5	30	1	-	1
Sturbridge	5	15	-	-	-	-	2	-	-
Sudbury	5	40	-	-	5	40	1	-	1
Sunderland	5	-	-	-	-	-	2	-	-
Sutton	5	-	5	30	5	30	1	1	1
Swampscott	(4	-							
	(4	30							
	(5	-							
	(5	45	-	-	5	45	1	-	1
Swansea	6	-	6	-	6	-	2	1	1
Taunton	5	-	-	-	5	15	2	-	1
Templeton	5	-	-	-	-	-	2	-	-
Tewksbury	5	-	-	-	5	-	1	-	1
Tisbury	5	15	-	-	5	15	2	-	2
Tolland	5	30	-	-	-	-	2	-	-
Topsfield	5	45	5	50	5	50	2	2	2
Townsend	6	-	6	-	6	-	1	1	1
Truro	5	30	-	-	-	-	1	-	-
Tyngsborough	5	45	-	-	-	-	1	-	-
Tyringham	5	30	-	-	-	-	2	-	-
Upton	5	-	-	-	-	-	2	-	-
Uxbridge	5	30	5	30	5	30	1	1	1
Wakefield	5	-	-	-	6	-	2	-	1
Wales	6	-	-	-	-	-	2	-	-
Walpole	5	15	-	-	4	58	1	-	1
Waltham	5	-	5	-	5	-	2	1	1
Ware	5	-	-	-	5	30	2	-	1
Warcham	6	-	-	-	6	-	1	-	1

was a fine day

and the weather was very pleasant

and the children were very happy

and the day was very successful

and the children were very happy

and the day was very successful

and the children were very happy

and the day was very successful

-8-

CITY OR TOWN	Hrs. Min.		Hrs. Min.		Hrs. Min.				
	1.	2.	3.	4.	5.	6.	7.	8.	9.
Warren	6	30	-	-	5	20	2	-	1
Warwick	5	30	-	-	-	-	2	-	-
Washington	5	30	-	-	-	-	2	-	-
Watertown	(4	-							
	(4	30	5	45	5	45	1	1	1
Wayland	5	45	-	-	5	45	1	-	1
Webster	5	-	6	-	6	-	2	1	1
Wellesley	5	15	5	45	6	-	2	1	1
Wellfleet	5	-	5	-	5	-	1	1	1
Wendell	5	30	-	-	-	-	1	-	-
Wenham	6	-	6	-	-	-	2	2	-
Westborough	5	-	-	-	5	-	2	-	2
West Boylston	5	-	-	-	5	-	2	-	1
West Bridgewater	5	-	5	-	5	-	2	1	1
West Brookfield	6	15	-	-	-	-	2	-	-
Westfield	5	-	-	-	6	-	2	-	1
Westford	5	15	-	-	5	25	2	-	1
Westhampton	5	30	-	-	-	-	1	-	-
Westminster	4	30	5	-	-	-	2	2	-
West Newbury	5	-	-	-	-	-	2	-	-
Weston	5	30	6	-	6	-	1	1	1
Westport	6	-	-	-	6	-	1	-	1
West Springfield	5	-	5	45	5	45	2	1	1
West Stockbridge	5	15	-	-	-	-	2	-	-
West Tisbury	5	15	-	-	-	-	2	-	-
Westwood	5	-	5	30	5	30	1	1	1
Weymouth	5	-	6	15	5	55	2	1	1
Whately	5	-	-	-	-	-	2	-	-
Whitman	5	-	-	-	5	-	2	-	1
Wilbraham	5	-	5	-	-	-	2	2	-
Williamsburg	5	-	-	-	5	35	2	-	1
Williamstown	5	30	-	-	6	-	2	-	1
Wilmington	5	-	-	-	5	30	2	-	1
Winchendon	5	-	5	30	5	30	2	1	1
Winchester	5	-	5	30	5	30	2	1	1
Windsor	5	30	-	-	-	-	2	-	-
Winthrop	4	30	5	40	5	30	2	1	1
Woburn	4	45	5	20	5	20	2	1	1
Worcester	5	-	5	15	5	5	2	2	1
Worthington	5	30	-	-	-	-	1	-	-
Wrentham	5	-	5	30	5	30	2	2	2
Yarmouth	5	-	-	-	-	-	1	-	-





RECAPITULATIONLength of School DaySchool Year 1953-1954ELEMENTARY SCHOOLS

6 hrs. 30 min.	-----	3
6 hrs. 15 min.	-----	1
6 hrs. 10 min.	-----	1
6 hrs.	-----	20
5 hrs. 50 min.	-----	3
5 hrs. 45 min.	-----	9
5 hrs. 40 min.	-----	2
5 hrs. 35 min.	-----	1
5 hrs. 30 min.	-----	55
5 hrs. 25 min.	-----	2
5 hrs. 20 min.	-----	2
5 hrs. 15 min.	-----	38
5 hrs. 10 min.	-----	7
5 hrs. 5 min.	-----	3
5 hrs.	-----	170
4 hrs. 55 min.	-----	1
4 hrs. 50 min.	-----	2
4 hrs. 45 min.	-----	16
4 hrs. 35 min.	-----	1
4 hrs. 30 min.	-----	9
4 hrs. 13 min.	-----	1
4 hrs.	-----	1
No information	-----	3

JUNIOR HIGH SCHOOLS

6 hrs. 20 min.	-----	1
6 hrs. 15 min.	-----	2
6 hrs.	-----	33
5 hrs. 50 min.	-----	2
5 hrs. 45 min.	-----	18
5 hrs. 40 min.	-----	3
5 hrs. 35 min.	-----	2
5 hrs. 30 min.	-----	34
5 hrs. 20 min.	-----	4
5 hrs. 10 min.	-----	1
5 hrs. 5 min.	-----	2
5 hrs.	-----	18
4 hrs. 30 min.	-----	4
4 hrs.	-----	2
No information	-----	3
No Jr.High Schools	-----	214

HIGH SCHOOLS

6 hrs. 30 min.	-----	1	5 hrs. 25 min.	-----	2
6 hrs. 25 min.	-----	1	5 hrs. 20 min.	-----	7
6 hrs. 20 min.	-----	2	5 hrs. 15 min.	-----	20
6 hrs. 15 min.	-----	4	5 hrs. 10 min.	-----	3
6 hrs. 10 min.	-----	1	5 hrs. 5 min.	-----	3
6 hrs.	-----	41	5 hrs.	-----	31
5 hrs. 55 min.	-----	2	4 hrs. 50 min.	-----	2
5 hrs. 50 min.	-----	9	4 hrs. 30 min.	-----	3
5 hrs. 45 min.	-----	24	4 hrs. 20 min.	-----	1
5 hrs. 40 min.	-----	3	4 hrs.	-----	1
5 hrs. 35 min.	-----	3	No information	-----	3
5 hrs. 30 min.	-----	60	No High Schools	-----	121





THE COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF EDUCATION

Division of Research and Statistics

John J. Desmond, Jr.  
Raymond A. FitzGerald

Commissioner of Education  
Deputy Commissioner of Education

Percentage of High School Graduates Planning on College or Other Higher Education As Reported in School Returns for School Year Ending -----  
June 30, 1954

CITY OR TOWN	BOYS			GIRLS			TOTAL		
	Number of High School Graduates	Number of High School Graduates Planning on College or Other Higher Education	Percent of High School Graduates Planning on College or Other Higher Education	Number of High School Graduates	Number of High School Graduates Planning on College or Other Higher Education	Percent of High School Graduates Planning on College or Other Higher Education	Number of High School Graduates	Number of High School Graduates Planning on College or Other Higher Education	Percent of High School Graduates Planning on College or Other Higher Education
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Abington	31	8	25.8	41	26	63.4	72	34	47.2
Acton	15	6	40.0	24	13	54.2	39	19	55.9
Adams	51	12	23.5	49	15	30.6	100	27	27.0
Agawam	43	19	44.2	63	23	36.5	106	42	39.6
Amesbury	44	15	34.1	64	27	42.2	108	42	38.9
Amherst	30	14	46.7	41	27	65.9	71	41	57.7
Andover	41	18	43.9	62	34	54.8	103	52	50.5
Arlington	154	112	72.7	202	110	54.5	356	222	62.4
Ashby	7	2	28.6	6	2	33.3	13	4	30.8
Ashfield	5	4	80.0	2	-	-	7	4	57.1
Ashland	11	-	-	13	-	-	24	-	-
Athol	66	13	19.7	58	13	22.4	124	26	21.0
Attleboro	71	23	32.4	93	40	43.0	164	63	38.4
Auburn	41	21	51.2	48	9	18.8	89	30	33.7
Avon	7	-	-	12	2	16.7	19	2	10.5
Ayer	20	10	50.0	25	11	44.0	45	21	46.7
Barnstable	43	12	27.9	53	8	15.1	96	20	22.2
Barre	15	10	66.7	23	14	60.9	38	24	63.2
Belchertown	12	6	50.0	10	2	20.0	22	8	36.4
Bellingham	17	5	29.4	15	5	33.3	32	10	31.3
Belmont	129	84	65.1	129	91	70.5	258	175	67.8
Bernardston	4	1	25.0	8	3	37.5	12	4	33.3
Beverly	92	33	35.9	128	54	42.2	220	87	39.5
Billerica	59	11	18.6	71	12	16.9	130	23	17.7
Blackstone	19	2	10.5	11	5	45.5	30	7	23.3





High School Graduates

-2-

City or Town	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Boston	2,328	752	32.3	1,966	644	32.8	4,294	1,396	32.5
Bourne	28	8	28.6	20	15	75.0	48	23	47.9
Braintree	110	42	38.2	100	37	37.0	210	79	37.6
Bridgewater	24	11	45.8	27	13	48.1	51	24	47.1
Brimfield	8	1	12.5	12	3	31.7	20	4	20.0
Brockton	214	83	38.8	239	101	42.3	453	184	40.6
Brookfield	8	4	50.0	3	2	66.7	11	6	54.5
Brookline	194	142	73.2	215	154	71.6	409	296	72.4
Burlington	25	13	52.0	12	4	33.3	37	17	45.9
Cambridge	262	87	33.2	270	38	14.1	532	125	23.5
Canton	33	17	51.5	37	18	48.6	70	35	50.0
Charlemont	5	1	20.0	2	1	50.0	7	2	28.6
Charlton	16	3	18.8	23	8	34.8	39	11	28.2
Chatham	7	3	42.9	8	4	50.0	15	7	46.7
Chelmsford	37	11	29.7	54	17	31.5	91	28	30.8
Chelsea	127	30	23.6	139	41	29.5	266	71	26.7
Chester	8	1	12.5	10	2	20.0	18	3	16.7
Chicopee	106	36	34.0	136	42	30.9	242	78	32.2
Clinton	49	20	40.8	66	27	40.9	115	47	40.9
Cohasset	11	9	81.8	19	9	47.4	30	18	60.0
Concord	66	35	53.0	67	42	62.7	133	77	57.9
Dalton	28	10	35.7	36	23	63.9	64	33	51.6
Danvers	54	20	37.0	77	35	45.5	131	55	42.0
Dartmouth	47	14	29.8	37	16	43.2	84	30	35.7
Dedham	59	20	33.9	104	28	26.9	163	48	29.4
Deerfield	10	1	10.0	24	6	25.0	34	7	20.6
Dighton	8	2	25.0	8	2	25.0	16	4	25.0
Douglas	10	2	20.0	24	12	50.0	34	14	41.2
Dover	6	4	66.7	3	2	66.7	9	6	66.7
Dracut	29	12	41.4	36	12	33.3	65	24	36.9
Duxbury	10	4	40.0	19	10	52.6	29	14	48.3
E. Bridgewater	27	15	55.6	23	10	43.5	50	25	50.0
Easthampton	16	6	37.5	26	10	38.5	42	16	38.1
Easton	23	11	47.8	27	16	59.3	50	27	54.0
Edgartown	6	4	66.7	5	2	40.0	11	6	54.5
Everett	156	47	30.1	193	26	13.5	349	73	20.9
Fairhaven	46	14	30.4	71	36	50.7	117	50	42.7
Fall River	211	90	42.7	188	60	31.9	399	150	37.6
Falmouth	34	16	47.1	34	11	32.4	68	27	39.7
Fitchburg	94	34	36.2	120	41	34.2	214	75	35.0
Foxborough	29	8	27.6	29	14	48.3	58	22	37.9
Framingham	122	51	41.8	114	67	58.8	236	118	50.0
Franklin	37	18	48.6	33	23	69.7	70	41	58.6
Gardner	76	30	39.5	92	30	32.6	168	60	35.7
Georgetown	8	4	50.0	15	9	60.0	23	13	56.5
Gloucester	111	24	21.6	120	59	49.2	231	83	35.9
Grafton	25	8	32.0	31	15	48.4	56	23	41.1
Gt. Barrington	26	9	34.6	26	16	61.5	52	25	48.1





High School Graduates

-3-

City or Town	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Greenfield	57	32	56.1	89	42	47.2	146	74	50.7
Groton	10	5	50.0	10	5	50.0	20	10	50.0
Hadley	11	5	45.5	14	9	64.3	25	14	56.0
Hamilton	12	2	16.7	10	4	40.0	22	6	27.3
Hanover	13	6	46.2	23	16	69.6	36	22	61.1
Hardwick	13	4	30.8	9	4	44.4	22	8	36.4
Harvard	9	3	33.3	5	4	80.0	14	7	50.0
Harwich	14	1	7.1	14	4	28.6	28	5	17.9
Hatfield	10	6	60.0	9	5	55.6	19	11	57.9
Haverhill	86	54	62.8	168	69	41.1	254	123	48.4
Hingham	56	39	69.6	55	38	69.1	111	77	69.4
Holbrook	20	6	30.0	20	6	30.0	40	12	30.0
Holden	32	-	-	36	-	-	68	-	-
Holliston	20	7	35.0	21	4	19.0	41	11	26.8
Holyoke	109	46	42.2	140	53	37.9	249	99	39.8
Hopedale	9	4	44.4	16	6	37.5	25	10	40.0
Hopkinton	13	6	46.2	21	11	52.4	34	17	50.0
Hudson	44	10	22.7	32	13	40.6	76	23	30.0
Huntington	8	1	12.5	5	4	80.0	13	5	38.5
Ipswich	31	10	32.3	37	19	51.4	68	29	42.6
Kingston	11	2	18.2	17	6	35.3	28	8	28.6
Lancaster	10	2	20.0	13	6	46.2	23	8	34.8
Lawrence	155	51	32.9	205	45	22.0	360	96	26.7
Lee	20	5	25.0	28	6	21.4	48	11	22.9
Leicester	20	8	40.0	27	10	37.0	47	18	38.3
Lenox	12	2	16.7	7	1	14.3	19	3	15.8
Leominster	68	43	63.2	94	39	41.5	162	82	50.6
Lexington	73	40	54.8	84	47	56.0	157	87	55.4
Littleton	12	4	33.3	14	4	28.6	26	8	30.8
Lowell	229	100	43.7	286	97	33.9	515	197	38.3
Ludlow	25	8	32.0	34	5	14.7	59	13	22.0
Lunenburg	15	4	26.7	18	5	27.8	33	9	27.3
Lynn	259	134	51.7	336	149	44.3	595	283	47.6
Malden	163	49	30.1	213	62	29.1	376	111	29.5
Mansfield	34	14	41.2	30	14	46.7	64	28	43.8
Marblehead	31	18	58.1	62	32	51.6	93	50	53.8
Marlborough	52	20	38.5	51	25	49.0	103	45	43.7
Mansfield	19	8	42.1	14	8	57.1	33	16	48.5
Maynard	33	10	30.3	25	11	44.0	58	21	36.2
Medfield	8	6	75.0	10	8	80.0	18	14	77.8
Medford	215	130	60.4	296	90	30.4	511	220	43.1
Medway	9	2	22.2	20	4	20.0	29	6	20.7
Melrose	127	45	35.4	136	35	25.7	263	80	30.4
Mendon	3	1	33.3	15	4	26.7	18	5	27.8
Merrimac	5	-	-	17	6	35.3	22	6	27.3
Methuen	83	23	27.7	98	34	34.7	181	57	31.5

		(3)	(2)	(4)	(5)	(6)	(7)
		1.74	84	04	1.75	85	74
		0.02	2	01	0.02	2	01
		2.46	9	41	2.44	8	41
		0.01	4	01	0.01	3	01
		0.08	81	12	0.07	8	11
		1.11	4	9	1.1	4	8
		0.08	4	2	0.08	2	9
		2.85	4	41	1.7	1	41
		0.28	2	2	0.08	4	01
		1.14	08	841	1.07	40	86
		1.08	86	82	1.08	82	82
		0.00	4	02	0.08	1	02
		-	-	82	-	-	82
		0.01	4	12	0.08	4	08
		0.07	82	041	0.04	04	001
		0.07	4	12	1.44	4	0
		4.84	11	12	1.84	4	11
		0.04	91	82	0.04	01	44
		0.08	4	2	0.07	1	8
		4.10	19	72	3.88	01	12
		0.28	4	11	0.31	2	11
		0.04	4	11	0.08	2	01
		0.08	84	808	0.08	12	801
		4.13	4	82	0.08	2	08
		0.07	01	72	0.04	2	02
		0.41	1	1	0.01	2	01
		0.12	82	40	1.08	84	80
		0.02	44	40	0.02	04	02
		0.00	4	41	0.02	4	11
		0.00	44	808	0.04	001	808
		1.11	2	42	0.02	2	02
		0.07	2	12	0.08	4	12
		0.41	0.4	008	0.12	401	008
		1.02	84	102	1.02	84	841
		0.04	41	02	0.02	41	42
		0.07	01	82	1.02	41	02
		0.07	82	12	0.02	02	82
		1.02	2	41	1.04	8	01
		0.04	12	12	0.02	01	12
		0.04	2	12	0.02	2	02
		0.08	00	808	1.02	401	808
		0.08	4	12	1.04	4	02
		0.07	82	801	0.02	84	02
		0.07	4	11	0.02	1	02
		0.07	4	11	0.02	02	02



High School Graduates

-4-

City or Town	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Middleborough	50	20	40.0	56	19	33.9	106	39	36.8
Milford	50	27	54.0	68	29	42.6	118	56	47.5
Millbury	41	11	26.8	33	3	9.1	74	14	18.9
Millis	8	4	50.0	17	10	58.8	25	14	56.0
Milton	97	72	74.2	76	51	67.1	173	123	71.1
Monson	14	3	21.4	20	8	40.0	34	11	32.4
Montague	33	8	24.2	50	11	22.0	83	19	22.9
Nantucket	25	4	16.0	7	5	71.4	32	9	28.1
Natick	90	43	47.8	91	29	31.9	181	72	39.8
Needham	69	49	71.0	83	63	75.9	152	112	73.7
New Bedford	132	71	53.8	228	84	36.8	360	155	43.1
Newburyport	69	22	31.9	65	31	47.7	134	53	39.6
New Marlborough	4	-	-	7	4	57.1	11	4	36.4
New Salem	2	1	50.0	3	3	100.0	5	4	80.0
Newton	331	232	70.1	340	240	70.6	671	472	70.3
North Adams	96	25	26.0	87	40	46.0	183	65	35.5
Northampton	69	42	60.9	73	49	67.1	142	91	64.1
North Andover	38	20	52.6	40	21	52.5	78	41	52.6
North Attleborough	39	18	46.2	51	24	47.1	90	42	46.7
Northborough	22	7	31.8	12	1	8.3	34	8	23.5
Northbridge	36	14	38.9	49	26	53.1	85	40	47.1
North Brookfield	14	5	35.7	19	4	21.1	33	9	27.3
Northfield	8	1	12.5	8	2	25.0	16	3	18.8
Norton	8	5	62.5	13	5	38.5	21	10	47.6
Norwell	5	3	60.0	12	5	41.7	17	8	47.1
Norwood	72	28	38.9	76	26	34.2	148	54	36.4
Oak Bluffs	9	5	55.6	5	3	60.0	14	8	57.1
Orange	25	14	56.0	36	18	50.0	61	32	52.5
Orleans	16	7	43.8	19	6	31.6	35	13	37.1
Oxford	20	7	35.0	30	5	16.7	50	12	24.0
Palmer	34	14	41.2	45	13	28.9	79	27	34.2
Peabody	79	33	41.8	87	28	32.1	166	61	36.7
Pembroke	11	4	36.4	9	6	66.7	20	10	50.0
Pepperell	8	2	25.0	18	4	22.2	26	6	23.1
Petersham	6	-	-	3	-	-	9	-	-
Pittsfield	196	45	23.0	233	52	22.3	429	97	22.6
Plainville	10	3	30.0	11	3	27.3	21	6	28.6
Plymouth	72	23	31.9	81	21	25.9	153	44	28.8
Provincetown	15	3	20.0	18	4	22.2	33	7	21.2
Quincy	273	97	35.5	324	120	37.0	597	217	36.3
Randolph	31	6	19.4	62	14	22.6	93	20	21.5
Reading	71	23	32.4	101	37	36.6	172	60	34.9
Revere	125	75	60.0	152	50	32.9	277	125	45.1
Rockland	43	9	20.9	40	11	27.5	83	20	24.1
Rockport	7	3	41.4	17	8	47.1	24	11	45.8
Rutland	7	-	-	7	-	-	14	-	-





High School Graduates

-5-

City or Town	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Salem	107	21	19.6	124	52	41.9	231	73	31.6
Sandwich	3	2	66.7	6	4	66.7	9	6	66.7
Saugus	94	27	28.7	74	19	25.7	168	46	27.4
Scituate	23	12	52.2	29	14	48.3	52	26	50.0
Sharon	24	12	50.0	21	14	66.7	45	26	57.8
Sheffield	11	2	17.3	9	6	66.7	20	8	40.0
Shelburne	12	4	33.3	12	6	50.0	24	10	41.7
Shrewsbury	32	17	53.1	40	16	40.0	72	33	45.8
Somerset	30	12	40.0	40	19	47.5	70	31	44.3
Somerville	257	97	37.7	309	62	20.1	566	159	28.1
Southborough	8	4	50.0	9	5	55.6	17	9	52.9
Southbridge	57	22	38.6	59	17	28.8	116	39	33.6
South Hadley	48	14	29.2	33	5	15.2	81	19	23.5
Spencer	27	8	29.6	39	16	41.0	66	24	36.4
Springfield	398	158	39.7	457	170	37.2	855	328	38.4
Stockbridge	11	3	27.3	7	2	28.6	18	5	27.8
Stoneham	62	22	35.5	76	31	40.8	138	53	38.4
Stoughton	36	11	30.6	46	12	26.1	82	23	28.0
Stow	9	2	22.2	9	5	55.6	18	7	38.9
Sudbury	11	4	36.4	10	5	50.0	21	9	42.9
Sutton	9	3	33.3	15	6	40.0	24	9	37.5
Swampscott	52	28	53.8	59	47	79.7	111	75	67.6
Swansea	27	4	14.8	26	11	42.3	53	15	28.3
Taunton	107	26	24.3	133	38	28.6	240	64	26.7
Templeton	25	10	40.0	28	9	32.1	53	19	35.8
Tewksbury	23	9	39.1	24	4	16.7	47	13	27.7
Tisbury	9	5	55.6	10	2	20.0	19	7	36.8
Topsfield	3	2	66.7	5	5	100.0	8	7	87.5
Townsend	13	2	15.4	14	4	28.6	27	6	22.2
Uxbridge	26	9	34.6	24	10	41.7	50	19	38.0
Wakefield	96	42	43.8	98	38	38.8	194	80	41.2
Walpole	50	26	52.0	68	36	52.9	118	62	52.5
Waltham	114	30	26.3	130	42	32.3	244	72	29.5
Ware	15	4	26.7	41	19	46.3	56	23	41.1
Wareham	34	8	23.5	51	26	51.0	85	34	40.0
Warren	24	8	33.3	29	16	55.2	53	24	45.3
Watertown	134	70	52.2	150	62	41.3	284	132	46.5
Wayland	21	7	33.3	30	11	36.7	51	18	35.3
Webster	60	20	33.3	77	30	39.0	137	50	36.5
Wellesly	101	52	51.5	82	44	53.7	183	96	52.5
Wellfleet	5	-	-	1	1	100.0	6	1	16.7
Westborough	26	16	61.5	26	15	57.7	52	31	59.6
West Boylston	11	2	18.2	14	5	35.7	25	7	28.0
West Bridgewater	11	6	54.5	14	10	71.4	25	16	64.0
Westfield	86	42	51.2	85	41	48.2	171	83	48.5
Westford	15	4	26.7	15	5	33.3	30	9	30.0
Weston	20	15	75.0	18	14	77.8	38	29	76.3





High School Graduates

-6-

City or Town	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Westport	33	5	15.2	19	11	57.9	52	16	30.8
West Springfield	71	22	31.0	79	33	41.8	150	55	36.7
Westwood	19	15	78.9	31	13	41.9	50	28	56.0
Weymouth	96	46	47.9	164	47	28.7	260	93	35.8
Whitman	35	13	37.1	60	24	40.0	95	37	38.9
Williamsburg	4	2	50.0	12	5	41.7	16	7	43.8
Williamstown	25	11	44.0	20	7	35.0	45	18	40.0
Wilmington	33	6	18.2	36	14	38.9	69	20	29.0
Winchendon	27	8	29.6	31	12	38.7	58	20	34.5
Winchester	77	29	37.7	77	44	57.1	154	73	47.4
Winthrop	77	33	42.9	86	30	34.9	163	63	38.7
Woburn	85	21	24.7	95	21	22.1	180	42	23.6
Worcester	366	65	17.8	576	190	33.0	942	255	27.1
Wrentham	9	2	22.2	15	10	66.7	24	12	50.0
Yarmouth	17	12	70.6	22	14	63.6	39	26	66.7
STATE TOTALS	14,100	5,506	39.0	15,956	6,130	38.4	30,056	11,636	38.7





THE COMMONWEALTH OF MASSACHUSETTS  
BULLETIN OF THE DEPARTMENT OF EDUCATION

1955, NUMBER 3

WHOLE NUMBER 391

# SALARIES OF TEACHERS

IN THE PUBLIC DAY SCHOOLS  
OF MASSACHUSETTS

(SUPPLEMENT)

1955



DIVISION OF RESEARCH AND STATISTICS

WILLIAM E. PARK, *Chairman of the Board*

JOHN J. DESMOND, JR.  
*Commissioner*

RAYMOND A. FITZGERALD  
*Deputy Commissioner*

PUBLICATION OF THIS DOCUMENT APPROVED BY GEORGE J. CRONIN, STATE PURCHASING AGENT

Form Ed.-ADM-37 1M-6-55-915311

## CHANGES IN TEACHERS' SALARIES

## Key

- A — Salary is actual minimum or maximum currently being paid.  
 B — Bachelor Degree required.  
 D — Doctor Degree required.  
 E — City or Town has Equal Pay for Men and Women.  
 F — Differential on account of dependents.  
 M — Master Degree required.  
 SS — Single Salary Schedule in force.

CITY OR TOWN	SUPERINTENDENT'S SALARY	ELEMENTARY SCHOOLS					
		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
		Min.	Max.	Min.	Max.	Min.	Max.
		1	2	3	4	5	6
ESS Abington . . . . .	No Scale	\$3100B 3300M 3400M*	\$4800B 5100M 5300M*	\$2800B 2900B* 3000M 3100M*	\$4500B 4600B* 4800M 5000M*	\$2800B 2900B* 3000M 3100M*	\$4500B 4600B* 4800M 5000M*
ESS Acton V . . . . .	No Scale	Teacher's Salary plus \$50/room — 5000M*		— — —	— — —	2800B 3000M 4800B*	4600B 4800M 5000M*
E Adams V . . . . .	6500	3950	4250	2800	3700	2800	3700
ESS Agawam F . . . . .	No Scale	Teacher's Salary plus \$500 to \$750 —		2800 3000B 3200M	3900 4300B 4500M	2800 3000B 3200M	3900 4300B 4500M
ESS Amherst . . . . .	9100A†	Teacher's Salary plus \$50/Teacher —		3300B 3500M	5000B 5200M	3300B 3500M	5000B 5200M
ESS Andover . . . . .	8000A	Teacher's Salary plus \$50/room —		2800B 3000M	4400B 4600M	2800B 3000M	4400B 4600M
E Arlington V . . . . .	9200	—	6180	3000B 3100M	5100B 5400M	3000B 3100M	5100B 5400M
ESS Ashby . . . . .	\$6500†A plus \$1000T	Teacher's Salary plus \$100 plus \$200 —		2900B 3150M	4200B 4450M	2900B 3150M	4200B 4450M
ESS Ashfield . . . . .	4400†	—	—	2600	—	2600	—
ESS Auburn F . . . . .	No Scale	—	—	3100B 3100M	4600B 4800M	3100B 3100M	4600B 4800M
ESS Avon . . . . .	4400†	—	—	2800	4000	2800	4000
ESS Ayer V . . . . .	8000†	3200B 3500M	4700B 5000M	2700B 3000M	4200B 4500M	2700B 3000M	4200B 4500M
ESS Barnstable V . . . . .	8000A	3000 plus \$50/room 4200 plus \$50/room —		2900 3000B 3100M	4100 4200B 4300M	2900 3000B 3100M	4100 4200B 4300M
ESS Becket . . . . .	7000†A	Teacher's Salary plus \$300 —		2800B 3000M	4200B 4400M	2800B 3000M	4200B 4400M
ESS Bedford . . . . .	7500	5400 —	— —	2950B 3150M	4400B 4600M	2950B 3150M	4400B 4600M
ESS Berlin . . . . .	7000†A	4300A — —	— — —	2600 2800B 3000M	3500 3700B 3900M	2600 2800B 3000M	3500 3700B 3900M
E Boston V . . . . .	18,264	6660	7596	3492	4932	3492	4932
Boxborough . . . . .	8000†	2900	—	—	—	2800A	2800A
ESS Boylston . . . . .	No Scale	— — —	— — —	2500 2700B 2700M	3100 3500B 3700M	2500 2700B 2700M	3100 3500B 3700M
ESS Braintree F V . . . . .	No Scale†	Teacher's Salary plus \$300 —		2750 2850B 2950M	4450 4850B* 5250M*	2750 2850B 2950M	4450 4850B* 5250M*
ESS Buckland . . . . .	\$5800A† plus \$600T	4000A	—	2800	4200	2800	4200
ESS Burlington V . . . . .	6600A	3950 —	4100M* —	— —	— —	2600 —	4200 4350M*

## AS OF SEPTEMBER, 1955

## Key

- \* — Additional Professional Improvement.  
 T — Travel Pay.  
 † — Superintendency Union.  
 V — Veteran Service evaluated as experience.

NOTE: These salaries are as reported. There is no information available for several of the municipalities. Some towns had no scale.

JUNIOR HIGH SCHOOLS						SENIOR HIGH SCHOOLS					
PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
7	8	9	10	11	12	13	14	15	16	17	18
\$3600B	\$5300B	\$2900B	\$4500B	\$2800B	\$4500B	\$4000B	\$4700B	\$2800B	\$4500B	\$2800B	\$4500B
3800M	5600M	2900B*	4600B*	2900B*	4600B*	4200M	5000M	2900B*	4600B*	2900B*	4600B*
3900M*	5800M*	3000M	4800M	3000M	4800M	4300M*	6200M*	3000M	4800M	3000M	4800M
—	—	3100M*	5000M*	3100M*	5000M*	—	—	3100M*	5000M*	3100M*	5000M*
Six Year High School (one Principal)						—	4300	2800B	4600B	2800B	4600B
—	—	—	—	—	—	—	6100M	3000M	4800M	3000M	4800M
—	—	—	—	—	—	—	6300M*	4800*	5000M*	4800*	5000M*
5000	5500	2900	3800	2900	3800	5500	6000	2950	4050	2950	4050
Teacher's Salary plus \$1000 to \$1500		2800	3900	2800	3900	Teacher's Salary plus \$1000 to \$1500		2800	3900	2800	3900
—	—	3000B	4300B	3000B	4300B	—	—	3000B	4300B	3000B	4300B
—	—	3200M	4500M	3200M	4500M	—	—	3200M	4500M	3200M	4500M
5700A	6000	3300B	5000B	3300B	5000B*	6300	6500	3300B	5000B	3300B	5000B
—	—	3500M	5200M	3500M	5200M	—	—	3500M	5200M	3500M	5200M
—	—	—	—	—	—	6000	7000	2800B	4400B	2800B	4400B
—	—	—	—	—	—	—	—	3000M	4600M	3000M	4600M
—	6693	3150B	5100B	3150B	5100B	—	7103	3150B	5100B	3150B	5100B
—	—	3250M	5400M	3250M	5400M	—	—	3250M	5400M	3250M	5400M
—	—	—	—	—	—	4795A	—	2900B	4200B	2900B	4200B
—	—	—	—	—	—	—	—	3150M	4450M	3150M	4450M
—	—	2600	—	2600	—	3500	—	2600	—	2600	—
—	—	—	—	—	—	—	—	3100B	4600B	3100B	4600B
—	—	—	—	—	—	—	—	3100M	4800M	3100M	4800M
—	—	2800	4000	2800	4000	—	—	2800	4000	2800	4000
—	—	2700B	4200B	2700B	4200B	3200B	4700B	2700B	4200B	2700B	4200B
—	—	3000M	4500M	3000M	4500M	3500M	5000M	3000M	4500M	3000M	4500M
—	—	2900	4100	2900	4100	5300A	—	2900	4100	2900	4100
—	—	3000B	4200B	3000B	4200B	—	—	3000B	4200B	3000B	4200B
—	—	3100M	4300M	3100M	4300M	—	—	3100M	4300M	3100M	4300M
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	2950B	4400B	2950B	4400B	5500	—	2950B	4400B	2950B	4400B
—	—	3150M	4600M	3150M	4600M	—	—	3150M	4600M	3150M	4600M
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
6660	7596	3492	4932	3492	4932	7032	8016	3504	5616	3504	5616
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
Teacher's Salary plus \$300		2750	4450	2750	4450	Teacher's Salary plus \$2000		2750	4450	2750	4450
—	—	2850B	4850B*	2850B	4850B*	—	—	2850B	4850B*	2850B	4850B*
—	—	2950M	5250M*	2950M	5250M*	—	—	2950M	5250M*	2950M	5250M*
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	4500	4650M*	2600	4200	2600	4200
—	—	—	—	—	—	—	—	—	4350M*	—	4350M*



CITY OR TOWN	SUPERINTENDENT'S SALARY	ELEMENTARY SCHOOLS					
		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
		Min.	Max.	Min.	Max.	Min.	Max.
		1	2	3	4	5	6
ESS Canton . . . . .	No Scale	\$3350	\$5800	\$2800	\$4700	\$2800	\$4700
ESS Charlemont <sup>1</sup> . . . . .	\$4400†	4000	4800	—	—	2800	3000
E Chelmsford . . . . .	7625A	5000A	—	2750B 2950M	4400B 4600M	2750B 2950M	4400B 4600M
Chester . . . . .	7000A†	Teacher's Salary plus \$200		2800B 3300M	4200B 4400M	2800B 3000M	4200B 4400M
ESS Chicopee V . . . . .	11,000A	3500 4300	5100 5800	3100B 3300M	—	3100B 3300M	—
ESS Clinton . . . . .	7100 plus \$240T	Teacher's Salary plus \$10/yr./room		3100B 3300M	4100B 4300M	3100B 3300M	4100B 4300M
ESS Cohasset . . . . .	No Scale	—	—	2950B 3150M 3350M*	4600B 4800M 5000M*	2950B 3150M 3350M*	4600B 4800M* 5000M
Colrain V . . . . .	5800A† plus 600T	—	4000A	—	—	—	—
ESS Concord V . . . . .	9500A	—	6500	3000B 3200M 3400M* 3600D	4900B 5100M 5300M* 5500D 5800D*	3000B 3200M 3400M* 3600D	4900B 5100M 5300M* 5500D 5800D*
ESS Cummington . . . . .	4400†	3200	—	2600	—	2600	—
ESS Dalton . . . . .	7200	3200	4800	3000	4600	3000	4600
ESS Dartmouth V . . . . .	6500	Teacher's Salary plus \$300		2900B 3000B* 3100M	4250B 4350B* 4450M	2900B 3000B* 3100M	4250B 4350B* 4450M
ESS Deerfield . . . . .	6500A	3744A	3864	3000B 3204M	4104B 4320M	3000B 3204M	4104B 4320M
ESS Dighton V . . . . .	6000	—	4400A	2950B	3950B	2950B	3950B
ESS Dover F V . . . . .	No Scale†	—	—	2500	4700	2500	4700
ESS Dudley . . . . .	8900A†	Teacher's Salary plus \$25/room		2700 2900B 3200M	3700 4000B 4300M	2700 2900B 3200M	3700 4000B 4300M
ESS Duxbury . . . . .	7500A	—	5300A	3000B	4650B	3000B	4650B
ESS East Bridgewater V . . . . .	No Scale	—	—	2850B 3050M	4250B 4450M	2850B 3050M	4250B 4450M
ESS East Longmeadow . . . . .	7200A plus \$500T	Teacher's Salary plus \$50/room		3000 3300*	4200 4500*	3000 3300*	4200 4500*
ESS Easton V . . . . .	No Scale	—	—	2700 2800B 2900M	3800 4000B 4200M	2700 2800B 2900M	3800 4000B 4200M
Edgartown . . . . .	7000A†	—	—	3000	4000	3000	4000
ESS Erving V . . . . .	No Scale†	2900	4100	2700	3900	2700	3900
ESS Essex . . . . .	6400†	—	4200	2400 2700B 2900M	3350 3650B 3850M	2400 2700B 2900M	3350 3650B 3850M
ESS Everett . . . . .	9300	—	5500 5800*	2900	4200 4500M 4800M*	2900	4200 4500M 4800M*
ESS Fairhaven . . . . .	7500	—	4450B 4650M	2800B 3000M	3850B 4050M	2800B 3000M	3850B 4050M
ESS Foxborough V . . . . .	No Scale	—	—	3000	4400B 4700M	3000	4400B 4700M
ESS Franklin V . . . . .	No Scale	—	—	2600 2700B 2900M	4100 4200B 4440M	2600 2700B 2900M	4100 4200B 4400M
ESS Gloucester V . . . . .	9500	Teacher's Salary plus \$100 plus \$400		2700	4750	2700	4750

<sup>1</sup>In region.

JUNIOR HIGH SCHOOLS						SENIOR HIGH SCHOOLS					
PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
7	8	9	10	11	12	13	14	15	16	17	18
—	—	—	—	—	—	\$3900	\$5800	\$2800	\$4700	\$2800	\$4700
—	—	—	—	—	—	4000	4800	2800	3000	2800	3000
—	—	—	—	—	—	—	—	—	3200*	—	3200*
—	—	—	—	—	—	5250A	—	2900B	4550B	2900B	4550B
—	—	—	—	—	—	—	—	3100M	4750M	3100M	4750M
—	—	—	—	—	—	Teacher's Salary plus \$750		2800B	4200B	2800B	4200B
—	—	—	—	—	—	—	—	3000M	4400M	3300M	4400M
—	—	\$3100B	—	\$3100B	—	5300	6900	3100B	—	3100B	—
—	—	3300M	—	3300M	—	—	—	3300M	—	3300M	—
—	—	—	—	—	—	5500	6500	3100B	4100B	3100B	4100B
—	—	—	—	—	—	—	—	3300M	4300M	3300M	4300M
—	—	—	—	—	—	—	—	2950B	4600B	2950B	4600B
—	—	—	—	—	—	—	—	3150M	4800M	3150M	4800M
—	—	—	—	—	—	—	—	3350M*	5000M*	3350M*	5000M*
—	—	—	—	—	—	—	—	—	—	—	—
—	\$6500	3000B	\$4900B	3000B	\$4900B	—	6500	3000B	4900B	3000B	4900B
—	—	3200M	5100M	3200M	5100M	—	—	3200M	5100M	3200M	5100M
—	—	3400M*	5300M*	3400M*	5300M*	—	—	3400M*	5400M*	3400M*	5300M*
—	—	3600D	5500D	3600D	5500D	—	—	3600D	5500D	3600D	5500D
—	—	—	5800D*	—	5800D*	—	—	—	5800D*	—	5800D*
\$3200	—	2600	—	2600	—	—	—	—	—	—	—
—	—	3000	4600	3000	4600	—	6400	3000	4600	3000	4600
Teacher's Salary plus \$500		2900B	4250B	2900B	4250B	Teacher's Salary plus \$1000		2900B	4250B	2900B	4250B
—	—	3000B*	4350B*	3000B*	4350B*	—	—	3000B*	4350B*	3000B*	4350B*
—	—	3100M	4450M	3100M	4450M	—	—	3100M	4450M	3100M	4450M
—	—	—	—	—	—	4872A	5000	3000B	4104B	3000B	4104B
—	—	—	—	—	—	—	—	3204M	4320M	3204M	4320M
—	—	—	—	—	—	—	—	—	—	—	—
—	—	2500	4700	2500	4700	—	—	2500	4700	2500	4700
—	4994A	2700	3700	2700	3700	—	—	—	—	—	—
—	—	2900B	4000B	2900B	4000B	—	—	—	—	—	—
—	—	3200M	4300M	3200M	4300M	—	—	—	—	—	—
—	—	—	—	—	—	—	5500A	3000B	4650B	3000B	4650B
—	—	2850B	4250B	2850B	4250B	—	—	2850B	4250B	2850B	4250B
—	—	3050M	4450M	3050M	4450M	—	—	3050M	4450M	3050M	4450M
—	5300A	3000	4200	3000	4200	—	—	—	—	—	—
—	—	3300*	4500*	3300*	4500*	—	—	—	—	—	—
—	—	2700	3800	2700	3800	—	—	2700	3800	2700	3800
—	—	2800B	4000B	2800B	4000B	—	—	2800B	4000B	2800B	4000B
—	—	2900M	4200M	2900M	4200M	—	—	2900M	4200M	2900M	4200M
—	—	3000	4000	3000	4000	—	4800A	3000	4000	3000	4000
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	6600	2900	4200	2900	4200	—	6900	2900	4200	2900	4200
—	6900*	—	4500M	—	4500M	—	7200*	—	4500M	—	4500M
—	—	—	4800M*	—	4800M*	—	—	—	4800M*	—	4800M*
—	—	—	—	—	—	—	5900A	2800B	3850B	2800B	3850B
—	—	—	—	—	—	—	—	3000M	4050M	3000M	4050M
—	—	3000	4400B	3000	4400B	—	—	3000	4400B	3000	4400B
—	—	—	4700M	—	4700M	—	—	—	4700M	—	4700M
—	—	2600	4100	2600	4100	—	—	2600	4100	2600	4100
—	—	2700B	4200B	2700B	4200B	—	—	2700B	4200B	2700B	4200B
—	—	2900M	4400M	2900M	4400M	—	—	2900M	4400M	2900M	4400M
4500	5500	2700	4750	2700	4750	5500	6500	2700	4750	2700	4750



CITY OR TOWN	SUPERINTENDENT'S SALARY	ELEMENTARY SCHOOLS					
		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
		Min.	Max.	Min.	Max.	Min.	Max.
		1	2	3	4	5	6
ESS Grafton . . . . .	\$6500†	Teacher's Salary plus \$200		\$2800B 3000M	\$4000B 4200M	\$2800B 3000M	\$4000B 4200M
ESS Granby V . . . . .	7200A†	Teacher's Salary plus \$25/room		2800B 3000M	4300B 4500M	2800B 3000M	4300B 4500M
ESS Great Barrington . . . . .	6000	Teacher's Salary plus \$120		3000 3240M	4320 4560M	3000 3240M	4320 4560M
ESS Greenfield . . . . .	8500A	Teacher's Salary plus \$35/room		3000B 3200M	4400B 4700M	3000B 3200M	4400B 4700M
ESS Groveland . . . . .	6400A†	\$4000	\$5000	2700B	3900B 4000M	2700B	3900B 4000M
ESS Halifax . . . . .	8000†	—	—	2600	—	2600	—
ESS Hampden . . . . .	5850A	Teacher's Salary plus \$400		2800B 3000M	4050B 4250M	2800B 3000M	4050B 4250M
ESS Hanover V . . . . .	7050A†	—	3800A	2800	4200 4400*	2800	4200 4400*
ESS Hatfield . . . . .	6000A	—	—	2800 3000B 3100M	3800 4300B 4400M	2800 3000B 3100M	3800 4300B 4400M
ESS Haverhill V . . . . .	8500A	5000	6500	2500 2700B 2800B* 2900M 3000M*	3800 4350B 4600B* 5000M 5100M*	2500 2700B 2800B* 2900M 3000M*	3800 4350B 4600B* 5000M 5100M*
ESS Heath . . . . .	†	—	—	2600	2800	2600	2800
ESS Hingham V . . . . .	9000A	—	5250A	2900 3050B 3250M	4850 5000B 5200M	2900 3050B 3250M	4850 5000B 5200M
ESS Hinsdale . . . . .	6500A†	—	3350A	2500	3700	2500	3700
ESS Holbrook . . . . .	4400†	—	—	2800	4350	2800	4350
Holden <sup>1</sup> . . . . .	†	—	—	2900B 3100M	4700B 4900M	2900B 3100M	4700B 4900M
ESS Holliston . . . . .	No Scale	—	—	2900 3000B 3200M	3800 4450B 4650M	2900 3000B 3200M	3800 4450B 4650M
ESS Holyoke . . . . .	8825	3800	5450	2850 3050B 3150M 3200M*	3850 4650B 4950M 5200M*	2850 3050B 3150M 3200M*	3850 4650B 4950M 5200M*
ESS Hull . . . . .	7000A	3700B 3900M	5400B 5700B* 5800M 5900M*	2700 2900B 3100M	4400 4600B 4800M	2700 2900B 3100M	4400 4600B 4800M
ESS Ipswich V . . . . .	No Scale	Teacher's Salary plus \$50/room		—	3950 4100B 4400M	—	3950 4100B 4400M
ESS Kingston <sup>1</sup> . . . . .	8000†	—	4150A	2600	4100	2600	4100
Lancaster . . . . .	5000	Base plus \$150	Base plus \$250	2700	—	2700	—
ESS Lee . . . . .	No Scale	Teacher's Salary plus \$400		2800	4520	2800	4520
ESS Leicester . . . . .	7600	3150	4900	2900	4200	2900	4200
E Lenox . . . . .	6900A	3400 3600M	4600 4800M	3100 3300M	4300 4500M	3100 3300M	4300 4500M
ESS Leominster V . . . . .	7700A	—	5300A	2800	4400B 4600M	2800	4400B 4600M
SS Lexington . . . . .	No Scale	—	—	3200B 3400M 3600M*	4850B 5050M 5250M*	3000B 3200M 3400M*	4650B 4850M 5050M*

<sup>1</sup>In region.





CITY OR TOWN	SUPERINTENDENT'S SALARY	ELEMENTARY SCHOOLS					
		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
		Min.	Max.	Min.	Max.	Min.	Max.
		1	2	3	4	5	6
ESS Lincoln V . . . . .	\$7500A	Teacher's Salary plus \$350 to \$750		\$3200 3400	\$4850 5350	\$3200 3400	\$4850 5350
ESS Ludlow V . . . . .	6800A	Teacher's Salary plus \$325		3000B 3200M	4400B 4600M	3000B 3200M	4400B 4600M
ESS Lynn . . . . .	9570A	Teacher's Salary plus \$400		3080 3270B 3370M	4470 4670B 4770M	3080 3270B 3370M	4470 4670B 4770M
ESS Lynnfield V . . . . .	7500A	—	4900A	3100B 3300M	4450B 4650M	3100B 3300M	4450B 4650M
ESS Manchester . . . . .	6400†	—	4500	2600 2900B 3000B* 3200M	3900 4200B 4300B* 4500M	2600 2900B 3000B* 3200M	3900 4200B 4300B* 4500M
ESS Marblehead V . . . . .	9400	—	4800 plus \$40/room	2800 3000B 3200M	4400 4600B 4800M	2800 3000B 3200M	4400 4600B 4800M
SS Marshfield . . . . .	No Scale	—	—	3000	4800 5000M 5200M*	3000	4800 5000M 5200M*
ESS Mattapoisett . . . . .	7500†	—	4600	2800	3900B 4000M	2800	3900B 4000M
ESS Maynard . . . . .	No Scale	—	—	2700B 2800B* 2900M 3000M*	3800B 4000B* 4200M 4400M*	2700B 2800B* 2900M 3000M*	3800B 4000B* 4200M 4400M*
ESS Medfield F V . . . . .	No Scale	—	—	2500 2600M	4000 4100M	2500 2600M	4000 4100M
ESS Medway . . . . .	No Scale	Teacher's Salary plus \$115		2800B 3000M	4000B 4200M	2800B 3000M	4000B 4200M
ESS Marlborough . . . . .	7500A	Teacher's Salary plus \$500		2800	4400	2800	4400
ESS Mendon . . . . .	6600A†	—	4400A	—	—	—	—
ESS Middleborough . . . . .	No Scale	Teacher's Salary plus \$50/room		2900 3100	4200 4400 4700*	2900 3100	4200 4400 4700*
ESS Middlefield . . . . .	7000A†	—	—	2700	3500	2700	3500
ESS Middleton . . . . .	7250A†	—	4900A	2700	4400	2700	4400
ESS Millis . . . . .	4400A†	3200	—	2700 2900M	3800 4000M	2700 2900M	3800 4000M
ESS Milton V . . . . .	12,000A	4750A 5750A	—	2900B 3100M 3300M*	5075B 5275M 5475M*	2900B 3100M 3300M*	5075B 5275M 5475M*
ESS Monson . . . . .	6300A†	—	—	2800 3000B 3200M	3500 4200B 4400M	2800 3000B 3200M	3500 4200B 4400M
ESS Newburyport V . . . . .	7300A	3200A	—	—	—	—	—
SS Newton V . . . . .	14,000A	Teacher's Salary plus \$800-\$1300		3400B 3500M 3600M*	5750B 5950B* 6050M 6250M*	3200B 3300M 3400M*	5350B 5550B* 5650M 5850M*
ESS North Adams V . . . . .	No Scale	4100	5100	2650 2800B 3000M 4500D	3550 4300B 4800M 5100M*	2650 2800B 3000M 4500D	3550 4300B 4800M 5100M*
ESS Northampton . . . . .	8500	Teacher's Salary plus \$40/Room		2600 2900B 3200M 3500M*	3975 4275B 4575M 4875M*	2600 2900B 3200M 3500M*	3975 4275B 4575M 4875M*
ESS Northborough . . . . .	7000A†	4400A	—	2600 2800B 3000M	3800 4000B 4200M	2600 2800B 3000M	3800 4000B 4200M



JUNIOR HIGH SCHOOLS						SENIOR HIGH SCHOOLS					
PRINCIPALS Min.	Max.	MEN TEACHERS Min.	Max.	WOMEN TEACHERS Min.	Max.	PRINCIPALS Min.	Max.	MEN TEACHERS Min.	Max.	WOMEN TEACHERS Min.	Max.
7	8	9	10	11	12	13	14	15	16	17	18
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	\$3000B	\$4400B	\$3000B	\$4400B	—	\$5350A	\$3000B	\$4400B	\$3000B	\$4400B
—	—	3200M	4600M	3200M	4600M	—	—	3200M	4600M	3200M	4600M
\$4470	\$5370	3080	4470	3080	4470	\$5120	6070	3080	4470	3080	4470
—	—	3270B	4670B	3270B	4760B	—	—	3270B	4670B	3270B	4670B
—	—	3370M	4770M	3370M	4770M	—	—	3370M	4770M	3370M	4770M
—	4900A	3100B	4450B	3100B	4450B	—	—	—	—	—	—
—	—	3300M	4650M	3300M	4650M	—	—	—	—	—	—
—	—	—	—	—	—	—	5500	2600	3900	2600	3900
—	—	—	—	—	—	—	—	2900B	4200B	2900B	4200B
—	—	—	—	—	—	—	—	3000B*	4300B*	3000B*	4300B*
—	—	—	—	—	—	—	—	3200M	4500M	3200M	4500M
—	6200	2800	4400	2800	4400	2800	6500	2800	4400	2800	4400
—	—	3000B	4600B	3000B	4600B	—	—	3000B	4600B	3000B	4600B
—	—	3200M	4800M	3200M	4800M	—	—	3200M	4800M	3200M	4800M
—	—	3000	4800	3000	4800	—	—	3000	4800	3000	4800
—	—	—	5000M	—	5000M	—	—	—	5000M	—	5000M
—	—	—	5200M*	—	5200M*	—	—	—	5200M*	—	5200M*
—	—	2800	3900B	2800	3900B	—	—	—	—	—	—
—	—	—	4000M	—	4000M	—	—	—	—	—	—
—	—	2700B	3800B	2700B	3800B	—	—	2700B	3800B	2700B	3800B
—	—	2800B*	4000B*	2800B*	4000B*	—	—	2800B*	4000B*	2800B*	4000B*
—	—	2900M	4200M	2900M	4200M	—	—	2900M	4200M	2900M	4200M
—	—	3000M*	4400M*	3000M*	4400M*	—	—	3000M*	4400M*	3000M*	4400M*
—	—	2500	4000	2500	4000	—	—	2500	4000	2500	4000
—	—	2600M	4100M	2600M	4100M	—	—	2600M	4100M	2600M	4100M
—	—	—	—	—	—	—	—	2800B	4000B	2800B	4000B
—	—	—	—	—	—	—	—	3000M	4200M	3000M	4200M
—	—	—	—	—	—	Teacher's Salary plus \$1650	—	2800	4400	2800	4400
—	—	—	—	—	—	4400A	—	—	—	—	—
4500	5000	2900	4200	2900	4200	5000	5500	2900	4200	2900	4200
—	—	3100	4400	3100	4400	—	—	3100	4400	3100	4400
—	—	—	4700*	—	4700*	—	—	—	4700*	—	4700*
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	2700	3800	2700	3800	3800	—	2700	3800	2700	3800
—	—	2900M	4000M	2900M	4000M	—	—	2900M	4000M	2900M	4000M
5750A	—	2900B	5075B	2900B	5075B	7400A	—	2900B	5075B	2900B	5075B
—	—	3100M	5275M	3100M	5275M	—	—	3100M	5275M	3100M	5275M
—	—	3300M*	5475M*	3300M*	5475M*	—	—	3300M*	5475M*	3300M*	5475M*
—	—	2800	3500	2800	3500	—	—	2800	3500	2800	3500
—	—	3000B	4200B	3000B	4200B	—	—	3000B	4200B	3000B	4200B
—	—	3200M	4400M	3200M	4400M	—	—	3200M	4400M	3200M	4400M
—	—	—	—	—	—	6200A	—	2900	4900*	2900	4900*
Teacher's Salary plus \$800-\$1300	—	3400B	5750B	3200B	5350B	—	8500A	3400B	5750B	3200B	5350B
—	—	3500M	5950B*	3300M	5550B*	—	—	3500M	5950B*	3300M	5550B*
—	—	3600M*	6050M	3400M*	5650M	—	—	3600M*	6050M	3400M*	5650M
—	—	—	6250M*	—	5850M*	—	—	—	6250M*	—	5850M*
—	—	2650	3550	2650	3550	—	—	2650	3550	2650	3550
—	—	2800B	4300B	2800B	4300B	—	—	2800B	4300B	2800B	4300B
—	—	3000M	4800M	3000M	4800M	—	—	3000M	4800M	3000M	4800M
—	—	4500D	5100M*	4500D	5100M*	—	—	4500D	5100M*	4500D	5100M*
—	5675	2600	3975	2600	3975	—	6800	2600	3975	2600	3975
—	—	2900B	4275B	2900B	4275B	—	—	2900B	4275B	2900B	4275B
—	—	3200M	4575M	3200M	4575M	—	—	3200M	4575M	3200M	4575M
—	—	3500M*	4875M*	3500M*	4875M*	—	—	3500M*	4875M*	3500M*	4875M*
—	—	—	—	—	—	4600A	—	2600	3800	2600	3800
—	—	—	—	—	—	—	—	2800B	4000B	2800B	4000B
—	—	—	—	—	—	—	—	3000M	4200M	3000M	4200M



CITY OR TOWN	SUPERINTENDENT'S SALARY	ELEMENTARY SCHOOLS					
		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
		Min.	Max.	Min.	Max.	Min.	Max.
		1	2	3	4	5	6
ESS Northbridge . . . . .	\$8750	—	\$5000	\$2700	\$4700	\$2700	\$4700
ESS North Reading . . . . .	7000A	\$3500	4500	2800	4000B 4200M	2800	4000B 4200M
ESS Norton . . . . .	7310A†	5000A	—	2800	4000B 4200M	2800	4000B 4200M
Norwell . . . . .	7050A†	—	4650A	2700	4500M 4700M*	2700	4500M 4700M*
SS Norwood V . . . . .	8700A	El. Teacher's Max. plus \$40/Teacher		2900B 3000M	4600B 4800M	2900B 3000M	4600B 4800M
ESS Oxford V . . . . .	7300A	Teacher's Salary plus \$300-\$600		2800B 3000M	3900B 4100M	2800B 3000M	3900B 4100M
ESS Peabody . . . . .	8000A	4830	5060	2500	4300*	2500	4300*
ESS Pelham . . . . .	9100A†	Teacher's Salary plus \$50/Teacher		2800B 2900B*	4000B 4100B*	2800B 2900B*	4000B 4100B*
ESS Pembroke . . . . .	8000†	—	4550A	2700	—	2700	—
ESS Peru . . . . .	6500A†	2900A	—	—	—	—	—
ESS Plainfield . . . . .	4400†	2700	—	2600	—	2600	—
ESS Plainville . . . . .	7310†	5000	—	2800	4250 4450M	2800	4250 4450M
SS Plymouth V . . . . .	7700A	4500A	4850A	3200B	4800B 5300D	2626	4500B 5000D
ESS Plympton . . . . .	8000†	—	3500	2700	3150	2700	3150
Princeton <sup>1</sup> . . . . .	No Scale	—	—	2700	3800	2700	3800
ESS Provincetown . . . . .	No Scale†	—	—	2800	4200	2800	4200
		—	—	3000B	4600B	3000B	4600B
		—	—	3200M	4800M	3200M	4800M
ESS Quincy V . . . . .	No Scale	5300	7700	3100	4750	3100	4750
		—	—	3200B	5300B	3200B	5300B
		—	—	3300M	5850M	3300M	5850M
ESS Raynham . . . . .	No Scale†	—	—	2700	3600B 3800M	2700	3600B 3800M
ESS Reading V . . . . .	No Scale	—	—	3000B 3100M	4500B 4700M	3000B 3100M	4500B 4700M
ESS Rehoboth . . . . .	5700A plus \$400T	Teacher's Salary plus \$150		2600	4300B 4400M	2600	4300B 4400M
Richmond . . . . .	6000†	2500	3500	2400	3200	2300	3000
ESS Rowe . . . . .	4400†	3000	3200	—	—	—	—
ESS Salisbury . . . . .	No Scale†	—	—	2700	4200	2700	4200
		—	—	2900B	4400B	2900B	4400B
		—	—	3100M	4600M	3100M	4600M
		—	—	3400M*	4900M*	3400M*	4900M*
Sandwich . . . . .	No Scale†	3500	5000	2900	4000 4200M	2900	4000 4200M
ESS Saugus V . . . . .	No Scale	Teacher's Salary plus \$300 plus \$500		2800 3025M 3325M*	4200 4425M 4725M*	2800 3025M 3325M*	4200 4425M 4725M*
ESS Seekonk . . . . .	No Scale	Teacher's Salary plus \$25/Room		2800	3900 4100M	2800	3900 4100M
ESS Sharon V . . . . .	No Scale	—	—	3000B 3100M	5000B 5200M	3000B 3100M	5000B 5200M
ESS Shelburne . . . . .	5800A† plus 600T	3800A	—	2800	4200	2800	4200
ESS Sherborn FV . . . . .	No Scale†	—	—	2500	4700	2500	4700

<sup>1</sup>In Region.

## JUNIOR HIGH SCHOOLS

## SENIOR HIGH SCHOOLS

PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
7	8	9	10	11	12	13	14	15	16	17	18
—	—	\$2700	\$4700	\$2700	\$4700	—	\$6300	\$2700	\$4700	\$2700	\$4700
—	—	—	—	—	—	\$4500	5500	2800	4000B 4200M	2800	4000B 4200M
—	—	—	—	—	—	4200A	—	2800	4000B 4200M	2800	4000B 4200M
—	—	2700	4500M 4700M*	2700	4500M 4700M*	—	6000A	2700	4500M 4700M*	2700	4500M 4700M*
\$6000	\$6500	2900B 3000M	4600B 4800M	2900B 3000M	4600B 4800M	6500	7000	2900B 3000M	4600B 4800M	2900B 3000M	4600B 4800M
Teacher's Salary plus \$600	—	2800B 3000M	3900B 4100M	2800B 3000M	3900B 4100M	5000A	—	2800B 3000M	3900B 4100M	2800B 3000M	3900B 4100M
—	—	—	—	—	—	7000A	—	2500	4300*	2500	4300*
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	2800	4250 4450M	2800	4250 4450M
—	6000A	3200B	4800B 5300D	2626	4500B 5000D	—	6650A	3200B	4800B 5300D	2626	4500B 5000D
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	2800 3000B 3200M	4200 4600B 4800M	2800 3000B 3200M	4200 4600B 4800M
5300	7700	3100 3200B 3300M	4750 5300B 5850M	3100 3200B 3300M	4750 5300B 5850M	5300	7700	3100 3200B 3300M	4750 5300B 5850M	3100 3200B 3300M	4750 5300B 5850M
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	3000B 3100M	4500B 4700M	3000B 3100M	4500B 4700M	—	—	3000B 3100M	4500B 4700M	3000B 3100M	4500B 4700M
Teacher's Salary plus \$250	—	2600	4300B 4400M	2600	4300B 4400M	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	2700	4200	2700	4200	—	—	2700	4200	2700	4200
—	—	2900B	4400B	2900B	4400B	—	—	2900B	4400B	2900B	4400B
—	—	3100M	4600M	3100M	4600M	—	—	3100M	4600M	3100M	4600M
—	—	3400M*	4900M*	3400M*	4900M	—	—	3400M*	4900M*	3400M*	4900M*
3500	5000	2900	4000 4200M	2900	4000 4200M	3500	5000	2900	4000 4200M	2900	4000 4200M
5200	6000	2800	4200	2800	4200	—	6500	2800	4200	2800	4200
—	—	3025M	4425M	3025M	4425M	—	—	3025M	4425M	3025M	4425M
—	—	3325M*	4725M*	3325M*	4725M	—	—	3325M*	4725M*	3325M*	4725M*
—	—	2800	3900 4100M	2800	3900 4100M	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	3000B	5000B	3000B	5000B	—	—	3000B	5000B	3000B	5000B
—	—	3100M	5200M	3100M	5200M	—	—	3100M	5200M	3100M	5200M
—	—	—	—	—	—	5040A	—	2800	4200	2800	4200
—	—	2500	4700	2500	4700	—	—	2500	4700	2500	4700



CITY OR TOWN	SUPERINTENDENT'S SALARY	ELEMENTARY SCHOOLS					
		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
		Min.	Max.	Min.	Max.	Min.	Max.
		1	2	3	4	5	6
Shirley . . . . .	\$8000A†	\$2900B 3000M	\$3600B 3800M	\$2700B 2800M	\$3400B 3500M	\$2700B 2800M	\$3400B 3500M
ESS Somerville V . . . . .	9800	—	6300	3300	4900	3300	4900
E Southborough . . . . .	7000A†	3800A — —	— — —	2600 2800B 3000M	3800 4000B 4200M	2600 2800B 3000M	3800 4000B 4200M
ESS Southbridge V . . . . .	7000	2700B 2900M	4000B 4300M plus \$25/Room	2700B 2900M	4000B 4300M	2700B 2900M	4000B 4300M
ESS South Hadley V . . . . .	7200A†	Teacher's Salary plus \$25/Room		3000B 3200M — —	4200 4500B 4700M 4900M*	3000B 3200M — —	4200 4500B 4700M 4900M*
SS ingfield V . . . . .	15,000A	4650	7733	3270	6230	3270	6230
terli g <sup>1</sup> . . . . .	No Scale†	—	—	2700	3800	2700	3800
ESS Stockbridge . . . . .	No Scale	—	—	3150	5150	3150	5150
ESS Stoughton . . . . .	9700	— — — —	5500 — — —	2800B 3000M 3200M* 3400D	4500B 4700M 4900M* 5100D	2800B 3000M 3200M* 3400D	4500B 4700M 4900M* 5100D
ESS Taunton . . . . .	8300	— —	— —	2650B 2950M	3850B 4150M	2650B 2950M	3850B 4150M
ESS Tewksbury . . . . .	7250A†	—	4900A	2700	4400	2700	4400
Tisbury V . . . . .	7000A†	—	—	3000	4000	3000	4000
Topsfield . . . . .	3700†	—	—	—	—	3100	3950
ESS Townsend . . . . .	6500A† plus \$1000T	— —	— —	2800 3000M	4100 4300M	2800 3000M	4100 4300M
Tyngsborough . . . . .	5300†	—	3900	—	—	2600	3100
ESS Upton . . . . .	6500†	Teacher's Salary plus \$200		2800 3000	4000 4200	2800 3000	4000 4200
ESS Uxbridge . . . . .	7700A	—	5400	2850	4350	2850	4350
Wales <sup>1</sup> . . . . .	6300A†	2900A	—	—	—	2800	—
Walpole V . . . . .	8100A	4900	5700	2900	5000	2900	5000
ESS Waltham . . . . .	9000	Teacher's Salary plus \$40/Room		3000B 3200M	4650B 4850M	3000B 3200M	4650B 4850M
Wellesley . . . . .	12,000A	4000B 4500M	6000B 6750M	3300B 3600M	5550B 5850M	3100B 3400M	5200B 5500M
ESS Wellfleet . . . . .	5800†	Consolidated		2800 — — 3300M	4200 3000B 4600B 4900M	2800 3000B 3300M	4200 4600B 4900M
Wenham . . . . .	3700†	—	4300	—	—	3300	3900
ESS Westborough . . . . .	No Scale	3300	4600	—	—	2700	4000
ESS West Boylston . . . . .	No Scale†	— — —	— — —	2600 2800B 3000M	3800 4000B 4300M	2600 2800B 3000M	3800 4000B 4300M
West Bridgewater . . . . .	No Scale†	— — —	— — —	2700B 2900M 3100M*	4000B 4200M 4400M*	2700B 2900M 3100M*	4000B 4200M 4400M*
ESS Westminster . . . . .	No Scale	— —	— —	2800 —	4000 4300M*	2800 —	4000 4300M*
ESS West Newbury . . . . .	No Scale†	— — —	— — —	2400 2600B 2800M	3050 3550B 3900M	2400 2600B 2800M	3050 3550B 3600M

<sup>1</sup>In Region.



JUNIOR HIGH SCHOOLS						SENIOR HIGH SCHOOLS					
PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
7	8	9	10	11	12	13	14	15	16	17	18
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	\$6800	\$3300	\$4900	\$3300	\$4900	—	\$7400	\$3600	\$4900	\$3600	\$4900
—	—	—	—	—	—	\$5300A	—	2600	3800	2600	3800
—	—	—	—	—	—	—	—	2800B	4000B	2800B	4000B
—	—	—	—	—	—	—	—	3000M	4200M	3000M	4200M
—	—	2700B	4000B	2700B	4000B	5000	6000	2700B	4000B	2700B	4000B
—	—	2900M	4300M	2900M	4300M	—	—	2900M	4300M	2900M	4300M
—	—	—	—	—	—	—	—	3000B	4200	3000B	4200
—	—	—	—	—	—	—	—	3200M	4500B	3200M	4500B
—	—	—	—	—	—	—	—	—	4700M	—	4700M
—	—	—	—	—	—	—	—	—	4900M*	—	4900M*
\$4990	8180	3270	6230	3270	6230	6300	8600	3430	6230	3430	6230
—	—	—	—	—	—	—	—	—	—	—	—
—	—	3150	5150	3150	5150	—	—	3150	5150	3150	5150
—	—	—	—	—	—	—	5500	2800B	4500B	2800B	4500B
—	—	—	—	—	—	—	—	3000M	4700M	3000M	4700M
—	—	—	—	—	—	—	—	3200M*	4900M*	3200M*	4900M*
—	—	—	—	—	—	—	—	3400D	5100D	3400D	5100D
—	—	—	—	—	—	—	6700	2650B	3850B	2650B	3850B
—	—	—	—	—	—	—	—	2950M	4150M	2950M	4150M
—	—	—	—	—	—	—	5200A	2700	4400	2700	4400
—	—	—	—	—	—	4800A	—	3000	4000	3000	4000
—	—	3000	3100	3200	3200	—	5400A	3400	3600	3500	3600
—	—	—	—	—	—	—	4800B	2800	4100	2800	4100
—	—	—	—	—	—	—	—	3000M	4300M	3000M	4300M
—	—	—	—	—	—	—	—	—	—	—	—
—	—	2800	4000	2800	4000	4000	5000	2800	4000	2800	4000
—	—	3000	4200	3000	4200	—	—	3000	4200	3000	4200
—	5400	2850	4350	2850	4350	—	5400	2850	4350	2850	4350
—	—	—	—	—	—	—	—	—	—	—	—
—	6200	2900	5000	2900	5000	—	6500	2900	5000	2900	5000
—	5850	3000B	4650B	3000B	4650B	—	6500	3000B	4650B	3000B	4650B
—	—	3200M	4850M	3200M	4850M	—	—	3200M	4850M	3200M	4850M
7650A	—	3300B	5550B	3100B	5200B	7950A	—	3300B	5550B	3100B	5200B
—	—	3600M	5850M	3400M	5500M	—	—	3600M	5850M	3400M	5500M
Consolidated	—	2800	4200	2800	4200	—	4700A	2800	4200	2800	4200
—	—	3000B	4600B	3000B	4600B	—	—	3000B	4600B	3000B	4600B
—	—	3300M	4900M	3300M	4900M	—	—	3300M	4900M	3300M	4900M
—	—	—	3500	2900	4200	—	—	—	—	—	—
—	—	—	—	—	—	3700	5000	2700	4000	2700	4000
—	—	2600	3800	2600	3800	—	—	—	—	—	—
—	—	2800B	4000B	2800B	4000B	—	—	—	—	—	—
—	—	3000M	4300M	3000M	4300M	—	—	—	—	—	—
—	—	2700B	4000B	2700B	4000B	—	—	2700B	4000B	2700B	4000B
—	—	2900M	4200M	2900M	4200M	—	—	2900M	4200M	2900M	4200M
—	—	3100M*	4400M*	3100M*	4400M*	—	—	3100M*	4400M*	3100M*	4400M*
—	—	2800	4000	2800	4000	—	—	—	—	—	—
—	—	—	4300M*	—	4300M*	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

CITY OR TOWN	SUPERINTENDENT'S SALARY	ELEMENTARY SCHOOLS					
		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
		Min.	Max.	Min.	Max.	Min.	Max.
		1	2	3	4	5	6
Weston V . . . . .	10,000A	—	7200	3400	5800 6200M*	3200	5600 6000M*
West Stockbridge . . . . .	6000A†	2500	4100	2400	3200	2300	3000
West Tisbury . . . . .	\$7000A†	—	—	\$3900	\$4000	\$3000	\$4000
E Weymouth V . . . . .	10,700A	Teacher's Salary plus \$400		3000B 3300M 3600M*	4750B 5050M 5350M*	3000B 3300M 3600M*	4750B 5050M 5350M*
ESS Whitman . . . . .	6500A	Teacher's Salary plus \$50/Room		2800	3900B 4100M	2800	3900B 4100M
ESS Wilbraham . . . . .	No Scale	Teacher's Salary plus \$200 plus \$400		3000B 3300M	4550B 4850M	3000B 3300M	4550B 4850M
ESS Williamstown V . . . . .	7050	5050	—	2900	4400B 4850M 4925M*	2900	4400B 4850M 4925M*
ESS Windsor . . . . .	6500A†	2700A	—	—	—	2600A	—
ESS Winthrop V . . . . .	8000	—	5150	—	—	—	—
ESS Wrentham . . . . .	No Scale	—	—	2900B 3000B* 3100M 3200M*	3800 3950B 4250B* 4550M 4650M*	2900B 3000B* 3100M 3200M*	3800 3950B 4250B* 4550M 4650M*

JUNIOR HIGH SCHOOLS						SENIOR HIGH SCHOOLS					
PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS		PRINCIPALS		MEN TEACHERS		WOMEN TEACHERS	
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
7	8	9	10	11	12	13	14	15	16	17	18
—	—	3400	5800	3200	5600	—	7200	3400	5800	3200	5600
—	—	—	6200M*	—	6000M*	—	—	—	6200M*	—	6000M*
—	—	—	—	—	—	—	—	—	—	—	—
Teacher's Salary plus \$1200	—	\$3000B 3300M 3600M*	\$4750B 5050M 5350M*	\$3000B 3300M 3600M*	\$4750B 5050M 5350M*	—	\$7450A	\$3400B 3700M 4000M*	\$4750B 5050M 5350M*	\$3400B 3700M 4000M*	\$4750B 5050M 5350M*
—	—	2800	3900B 4100M	2800	3900B 4100M	—	—	2800	3900B 4100M	2800	3900B 4100M
—	—	3000B 3300M	4550B 4850M	3000B 3300M	4550B 4850M	—	—	—	—	—	—
—	—	2900	4400B 4850M 4925M*	2900	4400B 4850M 4925M*	\$5950	—	2900	4400B 4850M 4925M*	2900	4400B 4850M 4925M*
—	—	—	—	—	—	—	—	—	—	—	—
—	5350	—	—	—	—	—	5850	3000B 3200M	4050 4250B 4450M	3000B 3200M	4050 4250B 4450M
—	—	2900B 3000B*	3800 3950B	2900B 3000B*	3800 3950B	—	—	2900B 3000B*	3800B 3950B	2900B 3000B*	3800B 3950B
—	—	3100M	4250B*	3100M	4250B*	—	—	3100M	4250B*	3100M	4250B*
—	—	3200M*	4550M	3200M*	4550M	—	—	3200M*	4550M	3200M*	4550M
—	—	—	4650M*	—	4650M*	—	—	—	4650M*	—	4650M*



# RECAPITULATION—MINIMUM AND MAXIMUM SALARIES (167 CITIES AND TOWNS REPORTING CHANGES)

The following is a breakdown of the various minimum and maximum salaries in force in these *elementary schools* of Massachusetts. The number of cities and towns in each grouping is entered in parentheses.

## ELEMENTARY SCHOOLS

		MINIMUM			
\$2400	( 4)	\$3000	(20)	Actual Salaries	(2)
2500	( 7)	3080	( 1)	No Set Minimum	(1)
2600	(16)	3100	( 7)	No Schedule	(6)
2650	( 2)	3150	( 1)		
2700	(25)	3200	( 4)		
2750	( 2)	3270	( 1)		
2800	(41)	3300	( 4)		
2850	( 3)	3400	( 1)		
2900	(15)	3492	( 1)		
2950	( 3)				
		MAXIMUM			
\$2800	( 1)	\$4450	( 4)	\$5200	( 5)
3100	( 2)	4500	( 6)	5250	( 2)
3150	( 1)	4520	( 1)	5300	( 1)
3200	( 3)	4560	( 1)	5350	( 1)
3500	( 2)	4600	( 7)	5400	( 1)
3700	( 3)	4650	( 4)	5475	( 1)
3800	( 3)	4700	( 9)	5800	( 1)
3850	( 1)	4725	( 1)	5850	( 2)
3900	( 4)	4750	( 1)	6000	( 1)
3950	( 2)	4770	( 1)	6230	( 1)
4000	( 8)	4800	( 7)	6250	( 1)
4050	( 1)	4850	( 1)		
4100	( 6)	4875	( 1)		
4150	( 1)	4900	( 5)		
4200	(12)	4925	( 1)	Actual Salaries	(11)
4250	( 1)	4932	( 1)	No Set Maximum	( 9)
4300	( 8)	5000	( 3)	No Schedule	( 6)
4320	( 1)	5100	( 3)		
4350	( 3)	5150	( 1)	Towns giving a super-maximum	(32)
4400	(13)				

# RECAPITULATION—MINIMUM AND MAXIMUM SALARIES (167 CITIES AND TOWNS REPORTING CHANGES)

The following is a breakdown of the various minimum and maximum salaries in force in these *junior high schools* of Massachusetts. The number of cities and towns in each grouping is entered in parentheses.

## JUNIOR HIGH SCHOOLS

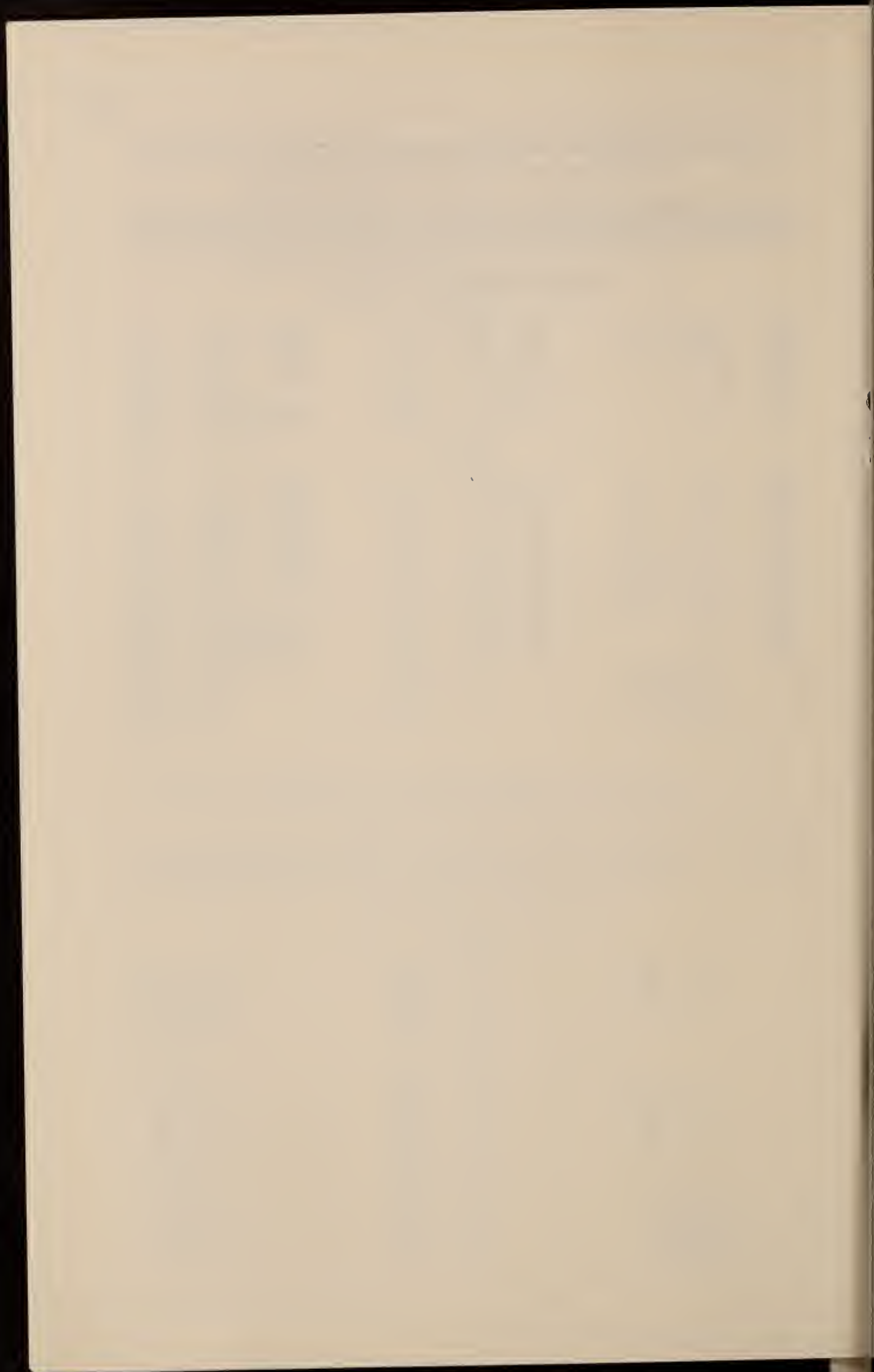
		MINIMUM			
\$2500	( 3)	\$2900	(13)	\$3270	( 1)
2600	( 6)	2950	( 1)	3300	( 3)
2650	( 1)	3000	(14)	3400	( 1)
2700	(11)	3080	( 1)	3492	( 1)
2750	( 1)	3100	( 3)	No Schedule	(86)
2800	(19)	3150	( 2)		
2850	( 3)	3200	( 3)		
		MAXIMUM			
\$3200	( 1)	\$4725	( 1)	\$5350	( 1)
3500	( 1)	4750	( 1)	5400	( 1)
3800	( 1)	4770	( 1)	5475	( 1)
4000	( 4)	4800	( 3)	5800	( 1)
4100	( 4)	4850	( 2)	5850	( 2)
4200	( 4)	4875	( 1)	6200	( 1)
4300	( 5)	4900	( 3)	6230	( 1)
4350	( 2)	4925	( 1)	6250	( 1)
4400	( 7)	4932	( 1)		
4450	( 2)	5000	( 2)		
4500	( 3)	5100	( 1)	No Set Maximum	( 3)
4520	( 1)	5150	( 1)	No Schedule	(80)
4600	( 4)	5200	( 5)		
4650	( 2)	5250	( 2)	Towns giving a super-maximum	(23)
4700	( 8)	5300	( 1)		

RECAPITULATION—MINIMUM AND MAXIMUM SALARIES  
(167 CITIES AND TOWNS REPORTING CHANGES)

The following is a breakdown of the various minimum and maximum salaries in force in these *senior high schools* of Massachusetts. The number of cities and towns in each grouping is entered in parentheses.

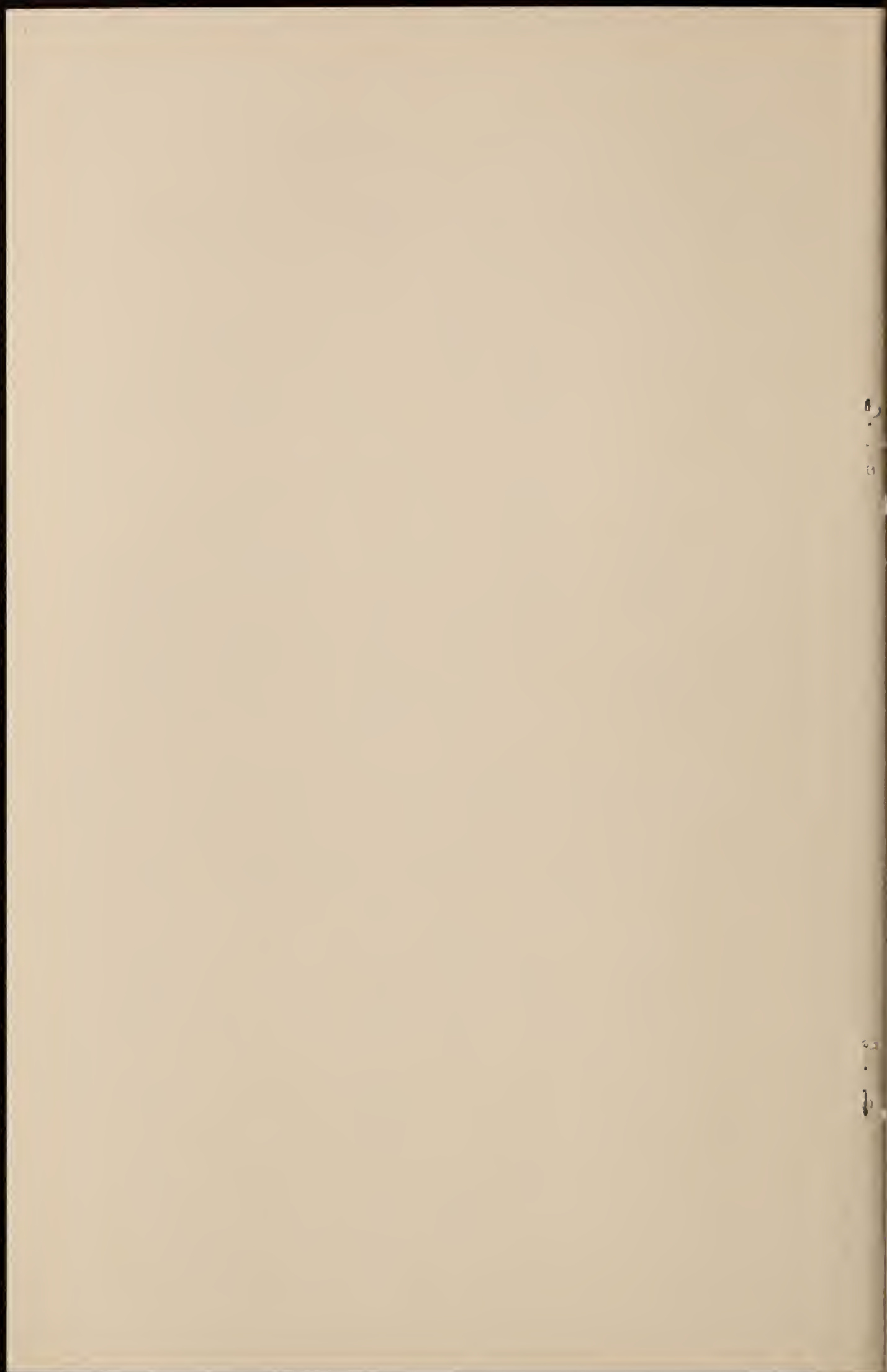
SENIOR HIGH SCHOOLS

MINIMUM		
\$2500 ( 5)	\$2950 ( 3)	\$3400 ( 3)
2600 ( 7)	3000 (16)	3430 ( 1)
2650 ( 2)	3050 ( 1)	3504 ( 1)
2700 (13)	3080 ( 1)	3600 ( 1)
2750 ( 1)	3100 ( 4)	
2800 (31)	3150 ( 2)	
2850 ( 3)	3200 ( 3)	No Set Minimum ( 1)
2900 (15)	3300 ( 3)	No Schedule (50)
MAXIMUM		
\$3200 ( 1)	\$4650 ( 3)	\$5350 ( 1)
3600 ( 1)	4700 (10)	5400 ( 1)
4000 ( 5)	4725 ( 1)	5475 ( 1)
4050 ( 2)	4750 ( 2)	5616 ( 1)
4100 ( 3)	4770 ( 1)	5800 ( 1)
4150 ( 1)	4800 ( 5)	5850 ( 2)
4200 (11)	4850 ( 1)	6200 ( 1)
4300 ( 5)	4875 ( 1)	6230 ( 1)
4320 ( 1)	4900 ( 5)	6250 ( 1)
4350 ( 3)	4925 ( 1)	
4400 (10)	5000 ( 4)	
4450 ( 5)	5100 ( 3)	No Set Maximum ( 3)
4500 ( 3)	5150 ( 1)	No Schedule (50)
4520 ( 1)	5200 ( 5)	
4560 ( 1)	5250 ( 2)	
4600 ( 5)	5300 ( 1)	Towns giving a super-maximum (30)









11  
12

13

14





	SCHOOL BUILDINGS ERECTED					SCHOOL BUILDINGS PLANNED				
	SCHOOL YEAR 1954-1955					SCHOOL YEAR 1955-1956				
	EXPENDED:					APPROPRIATION:				
	Elem.	Jr.High	High	Cons.	Reg.	Elem.	Jr.High	High	Cons.	Regional
Abington	\$ -	\$ -	\$ -	\$ -	\$ -	\$330,000	\$ -	\$ -	\$ -	\$ -
Acton	-	-	-	-	-	-	-	-	-	1/
Acushnet	-	-	-	-	-	-	-	-	-	-
Adams	-	-	-	-	-	1/	-	-	-	-
Agawam	-	-	2,000,000	-	-	-	-	-	-	-
Alford	No information submitted as to appropriation of funds					-	-	-	-	-
Amesbury	-	1/	-	-	-	-	-	-	-	-
Amherst	63,000	-	-	-	-	-	-	-	-	1,500,000
Andover	-	-	-	-	-	-	-	-	-	-
Arlington	310,000	-	-	-	-	1,501,000	-	-	-	-
Ashburnham	(additions)	-	-	-	-	-	-	-	-	-
Ashby	-	-	-	-	-	-	-	-	-	1/
Ashfield	-	-	-	45,000	-	-	-	-	-	-
Ashland	No information submitted as to appropriation of funds					-	-	-	-	-
Athol	-	-	-	-	-	-	-	-	-	-
Attleboro	No information submitted as to appropriation of funds					-	-	-	-	-
Auburn	350,000	-	-	-	-	-	-	-	-	-
	(additions)	-	-	-	-	-	-	-	950,000	-
Avon	-	-	-	-	-	-	-	-	-	-
Ayer	-	-	-	-	-	-	-	-	-	-
Barnstable	-	-	-	-	-	375,000	-	2,175,000	650,000	-
Barre	-	-	-	-	-	1/	-	-	-	-
						(additions)	-	-	-	-
Becket	-	-	-	-	-	-	-	-	-	-
Bedford	-	(Jr. 1/	Sr.)	-	-	1/	-	-	-	-
CTT/C	1/ No funds appropriated.					June, 1955				





	Elem.	Jr.High	High	Cons. Reg.	Reg'l. Bldgs.	Elem.	Jr.High	High	Cons.	Regional
Belchertown	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Bellingham	-	-	-	-	-	-	-	-	-	-
Belmont	-	-	-	-	-	-	-	-	-	-
Berkley	-	-	-	-	-	-	-	-	-	-
Berlin	-	-	-	-	-	-	-	-	-	-
Bernardston	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Deverly	-	1/	-	-	-	-	-	-	-	-
Billierica	-	-	2,225,000	-	-	700,000	-	-	-	-
Blackstone	-	-	-	-	-	-	-	-	-	-
Blandford	206,000	-	-	-	-	-	-	-	-	-
Bolton	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Boston	-	-	-	-	-	9,966,683	250,000 (additions)	517,800 (additions)	-	-
Bourne	631,000	-	-	-	-	-	-	-	-	-
Boxborough	-	-	-	-	-	-	-	-	-	-
Boxford	1/	-	-	-	-	-	-	-	-	1/
Boylston	450,000	-	-	-	-	-	-	-	-	-
Braintree	185,000	725,000	-	-	-	-	1,300,000	-	-	-
Brewster	-	-	-	-	-	-	-	-	-	-
Bridgewater	-	-	-	-	-	-	-	-	-	-
Brimfield	-	-	-	1/	1/	-	-	-	-	-
Brockton	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Brookfield	-	-	-	1/	1/	-	-	-	-	-
Brookline	940,533 (additions)	-	-	-	-	-	-	-	-	-
Buckland	-	-	-	-	-	-	-	-	-	1/
Burlington	685,000	-	-	-	-	600,000	-	-	-	-
Cambridge	-	-	-	-	-	-	-	-	-	-
Canton	-	-	-	-	-	3,500,000	-	-	-	-
Carlisle	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Carver	-	-	-	-	-	-	-	-	-	-
Charlemont	1/	-	-	1/	1/	-	-	-	-	1/

1. The first part of the document is a list of names and addresses.

2. The second part of the document is a list of names and addresses.

3. The third part of the document is a list of names and addresses.

4. The fourth part of the document is a list of names and addresses.

5. The fifth part of the document is a list of names and addresses.

6. The sixth part of the document is a list of names and addresses.

7. The seventh part of the document is a list of names and addresses.

8. The eighth part of the document is a list of names and addresses.

9. The ninth part of the document is a list of names and addresses.

10. The tenth part of the document is a list of names and addresses.

11. The eleventh part of the document is a list of names and addresses.

12. The twelfth part of the document is a list of names and addresses.





1. The first part of the document is a list of names and dates, arranged in a table-like format. The names are written in a cursive script, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a ledger or a list of transactions.

2. The second part of the document is a series of paragraphs of text, written in a cursive script. The text is somewhat faded and difficult to read, but it appears to be a narrative or a report of some kind. The paragraphs are separated by small gaps, and the overall layout is somewhat irregular.

3. The third part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

4. The fourth part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

5. The fifth part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

6. The sixth part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

7. The seventh part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

8. The eighth part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

9. The ninth part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

10. The tenth part of the document is a series of lines of text, written in a cursive script. The text is also somewhat faded and difficult to read, but it appears to be a continuation of the narrative or report from the second part. The lines are separated by small gaps, and the overall layout is somewhat irregular.

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	Elem.	Jr.High	High	Cons.	Reg.	Reg'l. Bldgs.	Elem.	Jr.High	High	Cons.	Regional
Great Barrington	-	-	-	-	-	-	-	-	-	-	-
Greenfield	495,000	-	-	-	-	-	-	-	<u>1/</u>	-	-
Groton	-	-	-	-	-	-	-	-	-	-	-
Groveland	-	-	-	-	-	-	359,000	-	-	-	-
Hadley	No information submitted as to appropriation of funds										
Halifax	-	-	-	-	-	<u>1/</u>	-	-	-	-	-
Hamilton	-	-	-	-	-	-	<u>1/</u> (additions)	-	-	-	-
Hampden	-	-	-	-	-	-	-	-	-	-	-
Hancock	-	-	-	-	-	-	-	-	-	-	-
Hanover	-	-	-	-	-	-	-	-	-	-	-
Hanson	-	-	-	-	-	-	-	-	-	-	-
Hardwick	-	-	-	-	-	-	-	-	-	-	-
Harvard	No information submitted as to appropriation of funds										
Harwich	No information submitted as to appropriation of funds										
Hatfield	-	-	-	-	-	-	-	-	-	-	-
Haverhill	-	-	-	-	-	-	-	-	-	-	-
Hawley	<u>1/</u>	-	-	-	-	<u>1/</u>	2,500,000	-	-	-	-
Heath	-	-	-	-	-	-	-	-	-	-	<u>1/</u>
Hingham	-	-	-	-	-	-	-	-	-	-	-
Hinsdale	217,000	-	1,980,800	-	-	-	273,240	-	-	-	-
Holbrook	-	-	-	-	-	-	-	-	-	-	-
Holden	-	-	-	-	-	-	-	(Jr. - Sr.) 1,550,000	-	-	-
Holland	-	-	-	-	<u>1/</u>	<u>1/</u>	-	-	-	-	-
Holliston	397,000	-	-	-	<u>1/</u>	<u>1/</u>	-	-	-	-	-
Holyoke	-	-	-	-	-	-	<u>1/</u> 400,000	-	1,390,000	-	-
Hopedale	-	-	-	-	-	-	-	-	-	-	-
Hopkinton	-	(Jr. - Sr.) 1,380,000	-	-	-	-	-	-	-	-	-
Hubbardston	-	-	-	-	-	-	154,000	-	-	-	-
Hudson	-	-	-	-	-	-	-	-	795,000	-	-
Hull	-	-	-	-	-	-	-	-	1,900,000	-	-

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	Elem.	Jr.High	High	Cons.	Reg.	Bldgs.	Reg'l. Elem.	Jr.High	High	Cons.	Regional
Huntington	-	-	-	-	-	-	-	-	-	-	-
Ipswich	-	-	-	-	-	-	647,000	-	-	-	-
Kingston	-	-	-	-	<u>1/</u>	-	-	-	-	-	-
Lakeville	-	-	-	-	-	-	200,000	-	-	-	-
Lancaster	-	-	-	-	-	-	<u>1/</u>	-	-	-	-
Lanesborough	-	-	-	-	-	-	-	-	-	-	-
Lawrence	-	-	-	-	-	-	-	-	-	-	-
Lee	-	-	-	-	-	-	-	-	-	-	-
Leicester	-	-	-	-	-	-	-	-	-	-	-
Lenox	-	-	-	-	-	-	-	-	-	-	-
Leominster	-	-	-	-	-	-	-	-	-	-	-
Leverett	-	-	-	-	-	-	-	-	-	-	-
Lexington	-	-	-	-	-	-	<u>1/</u>	-	<u>1/</u>	-	-
Leyden	<u>1/</u>	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Lincoln	-	No information submitted as to appropriation of funds	-	-	-	-	150,000	-	-	-	1,500,000
Littleton	-	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Longmeadow	-	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-
Lowell	-	-	-	-	-	-	-	-	-	-	-
Ludlow	-	-	-	-	-	-	-	-	-	-	-
Lunenburg	-	-	-	-	-	-	-	(Jr. - Sr.) 1,085,000	-	-	-
Lynn	-	-	-	-	-	-	-	-	-	-	-
Lynnfield	-	-	-	-	-	-	525,000	-	-	-	-
Malden	-	-	-	-	-	-	1,750,000	-	-	-	-
Manchester	-	-	-	-	-	-	-	-	-	-	-
Mansfield	-	(Jr. - Sr.) 1,585,000	-	-	-	-	-	-	-	-	-
Marblehead	-	<u>1/</u>	-	-	-	-	-	-	-	-	-
Marion	-	-	-	-	-	-	-	-	-	-	-
Marlborough	-	-	-	-	-	-	-	-	-	-	-





	Elem.	Jr.High	High	Cons.	Reg.	Reg'l. Bldgs.	Elem.	Jr.High	High	Cons.	Regional
Marshfield	<u>1/</u> (additions)	-	-	-	-	-	-	-	<u>1/</u>	-	-
Mashpee	-	-	-	-	-	-	-	-	-	-	-
Mattapoissett	-	-	-	-	-	-	-	-	-	-	-
Maynard	-	-	-	-	-	-	366,506	-	243,500 (additions)	-	-
Medfield	-	-	-	-	-	-	400,000 (additions)	-	-	-	-
Medford	-	-	-	-	-	-	-	-	-	-	-
Medway	1,575,000	-	-	-	-	-	-	-	-	-	-
Melrose	-	-	-	-	-	-	<u>1/</u>	-	-	-	-
Mendon	-	-	-	-	-	-	-	-	-	-	-
Merrimac	-	-	-	-	-	-	-	-	-	-	<u>1/</u>
Methuen	-	-	-	-	-	-	-	-	-	-	-
Middleborough	-	600,000	300,000	-	-	-	300,000	-	-	-	-
Middlefield	-	-	-	-	-	-	-	-	-	100,000	-
Middleton	-	-	-	-	-	-	-	-	-	-	-
Millford	-	-	-	-	-	-	<u>1/</u>	-	-	-	-
Millbury	-	-	-	-	-	-	-	-	-	-	-
Millis	370,000	-	-	-	-	-	-	-	-	-	-
Millville	-	-	-	-	-	-	-	-	-	-	-
Milton	-	-	375,000 (additions)	-	-	-	-	-	-	-	-
Monroe	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-
Monson	-	-	-	-	-	-	<u>1/</u>	-	-	-	-
Montague	-	-	-	-	-	-	-	-	-	-	-
Monterey	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-
Montgomery	-	-	-	-	-	-	-	-	-	-	-
Mt. Washington	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-
Nahant	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-
Nantucket	-	-	<u>1/</u>	-	-	-	-	-	-	-	-
Natick	274,000	-	-	-	-	-	225,000	-	-	-	-





	Elem.	Jr.High	High	Cons.	Reg.	Bldgs.	Reg'l	Elem.	Jr.High	High	Cons.	Regional
Needham	-	-	1,900,000	-	-	-	-	1/	-	-	-	-
New Ashford	-	-	-	-	-	-	-	-	-	-	-	-
New Bedford	-	-	-	-	-	-	-	-	-	-	-	-
New Braintree	No information submitted as to appropriation of funds	-	-	-	-	-	-	17,000	-	-	-	-
Newbury	-	-	-	-	-	-	-	1/	-	-	-	-
Newburyport	-	-	-	-	-	-	-	-	-	-	-	-
New Marlborough	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-	-
New Salem	-	-	-	-	-	-	-	-	-	-	-	-
Newton	75,671 (additions)	-	-	-	-	-	-	-	1,992,170	-	-	-
Norfolk	107,000 (additions)	-	-	-	-	-	-	-	-	-	-	1,800,000
North Adams	-	-	-	-	-	-	-	-	-	-	-	-
Northampton	-	-	-	-	-	-	-	-	-	-	-	-
North Andover	-	-	-	-	-	-	-	-	-	-	-	-
North Attleborough	-	(Jr. - Sr.) 999,000	-	-	-	-	-	765,000	-	-	-	-
Northborough	-	-	-	-	-	-	-	400,000	-	-	-	-
Northbridge	-	-	995,000	-	-	-	-	-	-	-	-	-
North Brookfield	-	-	-	-	-	-	-	-	-	-	1/	-
Northfield	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-	-
North Reading	-	-	-	-	-	-	-	-	-	1,900,000	-	-
Norton	-	-	1/	-	-	-	-	-	-	-	-	-
Norwell	-	-	-	-	-	-	-	1/	-	-	-	-
Norwood	1/ (additions)	-	-	-	-	-	-	-	-	-	-	-
Oak Bluffs	-	-	-	-	-	-	-	-	-	-	-	-
Oakham	-	-	-	-	-	-	-	-	-	-	-	-
Orange	-	-	-	-	-	-	-	-	-	-	-	-
Orleans	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-	-
Otis	-	-	-	-	-	-	-	-	-	-	-	-
Oxford	-	-	-	-	-	-	-	900,000	-	-	-	-

1. The first part of the report is a general statement of the purpose and scope of the study.

2. The second part is a description of the methods used in the study.

3. The third part is a description of the results of the study.

4. The fourth part is a discussion of the results and their implications.

5. The fifth part is a conclusion and a list of references.

6. The sixth part is a list of appendices.

7. The seventh part is a list of figures and tables.

8. The eighth part is a list of footnotes.

9. The ninth part is a list of acknowledgments.

10. The tenth part is a list of abbreviations.

11. The eleventh part is a list of symbols.

12. The twelfth part is a list of units.

	Elem.	Jr.High	High	Cons.	Reg.	Reg'l Bldgs.	Elem.	Jr.High	High	Cons.	Regional
Palmer	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-
Paxton	-	-	-	-	-	-	-	-	-	-	-
Peabody	600,000	-	-	-	-	-	670,000	-	-	-	-
Pelham	-	-	-	-	-	-	-	-	-	-	-
Pembroke	-	-	-	-	-	-	-	-	-	-	<u>1/</u>
Pepperell	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Petersham	-	-	-	-	-	-	-	-	-	-	-
Phillipston	-	-	-	-	-	-	-	-	-	-	-
Pittsfield	-	-	-	-	-	-	-	-	-	-	-
Plainfield	-	-	-	-	-	-	-	-	-	-	-
Plainville	-	-	-	-	-	-	-	-	-	-	-
Plymouth	-	-	-	-	-	-	-	-	-	-	-
Plympton	110,000	-	-	-	-	-	-	-	-	-	<u>1/</u>
Princeton	-	-	-	-	<u>1/</u>	-	412,000	-	-	-	-
Provincetown	<u>1/</u>	-	-	-	-	-	-	-	-	-	-
Quincy	-	-	-	-	-	-	-	1,600,000	-	-	-
Randolph	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-
Raynham	-	-	-	-	-	-	-	-	-	-	-
Reading	-	-	-	-	-	-	-	-	-	-	-
Rehoboth	-	-	-	-	-	-	-	-	-	-	-
Revere	-	-	-	-	-	-	-	-	-	-	-
Richmond	-	-	-	-	-	-	-	-	-	-	-
Rochester	-	-	-	-	-	-	-	-	-	-	-
Rockland	No information submitted as to appropriation of funds	-	-	-	-	-	-	-	-	-	-
Rockport	270,000	-	-	-	-	-	58,000 (additions)	-	-	-	-
Rowe	-	-	-	-	-	-	-	-	-	-	-
Rowley	-	-	-	-	-	-	306,000	-	-	-	-
Royalston	-	-	-	-	-	-	-	-	-	-	-
Russell	-	-	-	-	-	-	-	-	-	-	-
Rutland	<u>1/</u>	-	-	-	<u>1/</u>	-	-	-	-	-	-



[illegible]

	Elem.	Jr.High	High	Cons.	Reg.	Bldgs.	Elem.	Jr.High	High	Cons.	Regional
Salem	-	-	-	-	-	-	-	-	-	-	-
Salisbury	-	-	-	-	-	-	-	-	-	-	-
Sandisfield	No information submitted as to appropriation of funds										
Sandwich	-	-	-	-	-	-	-	-	-	-	-
Saugus	-	-	<u>1/</u>	-	-	-	-	-	-	-	-
Savoy	No information submitted as to appropriation of funds										
Scituate	455,000	-	-	-	-	-	45,000	-	-	-	-
Seekonk	-	-	-	-	-	-	-	850,000	-	-	-
Sharon	700,000	-	-	-	-	-	-	-	2,150,000	-	-
Sheffield	No information submitted as to appropriation of funds										<u>1/</u>
Shelburne	-	-	-	-	-	-	-	-	-	-	-
Sherborn	-	-	-	-	-	-	-	-	-	-	-
Shirley	-	-	-	-	-	-	-	-	-	-	-
Shrewsbury	No information submitted as to appropriation of funds										
Shutesbury	-	-	-	-	<u>1/</u>	<u>1/</u>	-	-	-	-	-
Somerset	-	-	-	-	-	-	142,000 (additions)	-	-	-	-
Somerville	380,677	-	-	-	-	-	-	-	-	-	-
Southampton	-	-	-	-	-	-	-	-	-	-	-
Southborough	<u>1/</u>	-	-	-	-	-	-	667,000	-	-	-
Southbridge	-	-	-	-	-	-	-	-	-	-	-
South Hadley	-	-	-	-	-	-	315,000	-	-	-	-
Southwick	No information submitted as to appropriation of funds										
Spencer	-	-	-	-	-	-	-	-	-	-	-
Springfield	1,228,584	-	-	-	-	-	-	-	-	-	-
Sterling	-	-	-	-	<u>1/</u>	<u>1/</u>	-	-	-	-	-
Stockbridge	-	-	-	-	-	-	-	-	-	-	-
Stoneham	-	-	-	-	-	-	386,500	-	1,520,000	-	-
Stoughton	-	-	<u>1/</u>	<u>1/</u>	-	-	-	-	-	-	-
			(additions)								
Stow	No information submitted as to appropriation of funds										
Sturbridge	-	-	-	-	<u>1/</u>	<u>1/</u>	-	-	-	-	-
Sudbury	-	-	-	-	-	-	-	-	-	-	<u>1/</u>

1. The first part of the paper is devoted to a general  
discussion of the problem. It is shown that the  
problem is of great importance and that it has  
not been completely solved. The author then  
presents a new method for solving the problem.  
This method is based on the use of the  
variational principle. It is shown that this  
method is more accurate than the previous  
methods. The author then applies this method  
to the case of a specific problem. It is shown  
that the results are in good agreement with  
the experimental data. The author then  
presents a conclusion. It is shown that the  
method is very useful and that it can be  
applied to other problems. The author then  
presents a list of references.

2. The second part of the paper is devoted to a  
detailed discussion of the method. It is shown  
that the method is based on the use of the  
variational principle. It is shown that the  
method is more accurate than the previous  
methods. The author then applies this method  
to the case of a specific problem. It is shown  
that the results are in good agreement with  
the experimental data. The author then  
presents a conclusion. It is shown that the  
method is very useful and that it can be  
applied to other problems. The author then  
presents a list of references.



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THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

NO. 1

1950

BY

DR. J. H. DILLON

AND

DR. R. M. HARRIS

CHICAGO, ILL.

1950

CHICAGO, ILL.

CHICAGO, ILL.

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF EDUCATION

BOARD OF EDUCATION

Dr. William E. Park, Chairman  
Dr. John J. Desmond, Jr., Commissioner

DIVISION OF ELEMENTARY AND SECONDARY EDUCATION

ANNUAL REPORT

July 1, 1954 - June 30, 1955

Dr. Franklin P. Hawkes, Acting Director

On July 1, 1954 the Division of Elementary and Secondary Education was separated from the Division of State Teachers Colleges in accordance with Chapter 585 of the Acts of 1952. Dr. Franklin P. Hawkes was appointed Acting Director of the Division until January 15, 1956.

ADMINISTRATION AND PROCEDURES

OBJECTIVES

Since this was the first time that this Division had a separate status a number of steps were taken to organize the Division for coordination and correlation. The first step was the listing of objectives for the Division as follows:--

- I To determine present standards, and establish increasingly higher standards, as needed, in curriculum, teaching methods, administration, and supervision in the public schools.
- II To make school systems and citizens aware of the services and resources available in the State Department of Education.
- III To conduct State Conferences of administrators and supervisors for cooperative study on current school problems.
- IV To develop institutes and workshops in various areas of the State to bring the benefit of research and advances in education to administrators and teachers.
- V To make surveys of local school systems when requested by the School Committee of any town as far as time and finances permit.
- VI To cooperate with other Massachusetts Departments and Divisions in over-all educational programs; and to serve as liaison members of state organizations.



# THE UNIVERSITY OF CHICAGO

January 10, 1955

Dear Mr. [Name]:

I have received your letter of January 5, 1955.

I am sorry that I cannot give you a more definite answer at this time.

I am sure that you will understand my position.

Sincerely,

[Signature]

I am sure that you will understand my position.

I am sure that you will understand my position.

I am sure that you will understand my position.

I am sure that you will understand my position.

I am sure that you will understand my position.

I am sure that you will understand my position.

I am sure that you will understand my position.



VII To evaluate and improve Curriculum offerings in public schools, and suggest standards of achievement for Grades I - XII.

VIII To administer the Union Superintendency Certificate Program.

#### OBJECTIVES OF STAFF MEMBERS THROUGH CONFERENCES

The second step in the division program called for individual interviews with each staff member based on the following analysis:--

1. Review and evaluation of 1953-1954 accomplishments.
2. Establishment of a five to ten point program of goals and objectives for 1954-1955.
3. Inter-divisional conferences to evaluate the educational activities of all divisions. Dr. Gertrude Lewis, United States Office of Education, conducted such a conference in January, 1955.
4. The development of Annual Reports so that progress can be revealed from year to year.

#### STAFF CONFERENCES

A special purpose of division staff conferences was to correlate the activities of other divisions with the Division of Elementary and Secondary Education. During the year the Directors and staff members of the following divisions held joint meetings with the Division of Elementary and Secondary Education to discuss their programs and to develop means of correlating the activities of these divisions:--

Division of State Teachers Colleges  
School Building Assistance Commission  
Division of Vocational Education  
Division of University Extension

#### STATE CONFERENCES

One of the major activities of this division is the development of State Conferences of Supervisors, Principals and Superintendents to bring to them recent trends in education, and also to give them an opportunity through addresses and workshops to develop programs of significance within local school systems. Brief accounts of these will be found in the individual Supervisor's reports. During the Spring of 1955 all members of the division were closely engaged in developing the Massachusetts White House Conference on Education to be held in September 1955 at the University of Massachusetts.

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, for the year ending June 30, 1914.

There were 1,000,000 acres of land in the public domain, of which 500,000 acres were reserved for the use of the Indians.

The following table shows the distribution of the land in the public domain, by State and Territory, for the year ending June 30, 1914.

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The following table shows the distribution of the land in the public domain, by State and Territory, for the year ending June 30, 1914.

The following table shows the distribution of the land in the public domain, by State and Territory, for the year ending June 30, 1914.

Continued on next page.

The following table shows the distribution of the land in the public domain, by State and Territory, for the year ending June 30, 1914.



<u>DATE</u>	<u>LOCATION</u>	<u>GROUP</u>	<u>THEME</u>	<u>NUMBER PRESENT</u>
April 4 - 6	University of Massachusetts	Elementary Principals	"Progress in Elementary Education"	800
April 21, 22	Framingham	Secondary Principals	"Strengthening Our Educational Effectiveness"	225
April 21, 22	Bridgewater	Superinten- dents of Schools	"Evaluation of Schools for Massachusetts"	210
September 8 - 10	University of Massachusetts	Massachusetts Conference on Education	"Partners in Progress"	1801

#### REPRESENTATION AT STATE AND NATIONAL MEETINGS

A valuable part of the division activity occurs through representation and participation at National Conferences and State Association meetings. The following list will indicate how wide-spread this representation is:--

- |  |                  |
|--|------------------|
| 1. Association for Supervision and Curriculum Development                      | Chicago          |
| 2. Eastern Music Educators   | Boston           |
| 3. Eastern Physical Education and Health Conference                            | Boston           |
| 4. Massachusetts Elementary Principals' Association                            | Boston           |
| 5. Massachusetts Music Educators' Association                                  | Pittsfield       |
| 6. Massachusetts School Superintendents' Association                           | Somerville       |
| 7. Massachusetts Secondary School Principals' Association                      | Boston           |
| 8. National Association of Directors and Supervisors<br>of Secondary Education | Atlantic City    |
| 9. National Association Secondary School Principals                            | Atlantic City    |
| 10. National College Intramural Conference                                     | Tufts University |
| 11. National Vocational Guidance Association                                   | Manchester, Vt.  |
| 12. New England Superintendents' Association                                   | Somerville       |
| 13. October Conference on Educational Opinion                                  | Crawford Notch   |

#### EDUCATIONAL SURVEYS

Each year Educational Surveys are made by members of this division with assistance from other divisions and faculty from the State Teachers' Colleges. Surveys were made in the following communities at the request of the local School Committees:--Douglas, Erving, Sherborn, Topsfield-Wenham. Surveys currently in progress include Harwich, Middleton-Tewksbury, and Rowe. Each Supervisor of the division acts as a Chairman and organizes a committee under the supervision of the Director and the Commissioner of Education.

#### STATE DEPARTMENT EXHIBITS

During the past year there has been an increasing demand for exhibits of materials describing the results and activities of the Department of Education. With the excellent cooperation of Mr. Kelsey B. Sweatt from







the Office of Communications and Public Relations in the Division of University Extension an extensive exhibit was prepared and manned by the divisions at the Massachusetts Conference on Education and at the Massachusetts Congress of Parents and Teachers.

#### UNION SUPERINTENDENCY VISITS

Visits to Superintendency Unions number approximately thirty (30) each year. Each member of the division staff spends a full day visiting a Union Superintendent and the schools under his jurisdiction. In addition, new Superintendents of Schools are visited, or schools lacking some of the normal programs recommended for school systems. Area Round Tables of School Principals and School Superintendents, numbering twelve each, were visited by one or more members of the staff during the year.

#### VISITORS FROM FOREIGN LANDS

One of the responsibilities of this division has been the reception to visitors from foreign lands who are studying the Massachusetts educational system. For example, the Minister of Education of Bolivia with the Assistant Director of the American Technical Assistance Staff in that country spent a day with the staff and the Directors of other divisions in March. The Minister of Education from Finland spent a day with the entire Department staff, and then visited five school systems in the State under the guidance of staff members. The most recent visit was from Korean Departments of Education with four representatives for whom conferences and school system visits were arranged.

Mr. Walter Bubeck, a high school teacher in Amberg, Germany; Mr. Karlheinz Ingenkamp, who teaches in Berlin-Lichtenrade, Germany; Dr. Lore Ketzler, a teacher at the Girls' High School in Duesseldorf, Germany; Miss Almuth Lindemann of the Bad Gendersheim High School in Germany; and Mr. Gerhard Sedding of the Korntal-Wuerttemberg, Germany, secondary school, visited Boston as part of a program in international education sponsored jointly by the U. S. Office of Education and the U. S. Department of State.

Natick, Pittsfield, Gardner, Andover, and the Wachusett Regional High School, in Holden, each served as host for one of the German teachers for the next month. At the end of this period they returned to Boston for evaluation, thence to Washington, and return to Germany.

#### STUDIES AND PUBLICATIONS

This division is rendering increasing service through the issuance of publications and studies by members of the staff. The following bulletins have been enthusiastically received:--

1. "Guidance Monographs I to XII" illustrating outstanding guidance practices in Massachusetts school systems.
2. "Drop-out Study" or early school leavers 1953-1954.
3. Elementary School "Phonics Bulletin" to all public libraries.
4. Revised "Bulletin on Teacher Certification."
5. "Phonics at Work" - 3000 copies to school systems.



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| 3. The third of these is the fact that the   | 4. The fourth of these is the fact that the |
| 5. The fifth of these is the fact that the   | 6. The sixth of these is the fact that the  |
| 7. The seventh of these is the fact that the | 8. The eighth of these is the fact that the |
| 9. The ninth of these is the fact that the   | 10. The tenth of these is the fact that the |



### INSTITUTES AND WORKSHOPS

One of the most valuable activities developed by the division staff has been the organization of institutes and workshops in various areas of the State. In Huntington, North Easton, Uxbridge, Westfield, and Westford, as well as at the Science Park in Boston, more than 100 teachers and administrators have gathered for each institute in a program of curriculum study and in-service education.

### LIST OF THE PRINCIPALS AND SUPERVISORS

During the year numerous requests are received for the names and locations of Principals and Supervisors other than those listed in the Educational Directory. In this Division, the Supervisors of Elementary Education, Guidance, Music, and Physical Education have prepared lists of Supervisors in those fields in the local communities. These are kept available in mimeograph form in the offices of the division.

### VISITS TO INDIVIDUAL CITIES AND TOWNS

In addition to the Union Superintendency visits, members of the staff are constantly called to give counsel in the local communities in their field of activity. A map was prepared in June 1955 showing each community visited and the number of supervisors that visited each community. The tabulated results were as follows:--

Visits by 1 Supervisor	-	125 Towns
2 Supervisors	-	51 Towns
3 Supervisors	-	27 Towns
4 Supervisors	-	12 Towns
5 or more Supervisors	-	<u>11 Towns</u>
TOTAL	-	226 Out of 351 Cities and Towns

As a basis for the work in 1955-1956, Supervisors examined this map and planned their visits to include those communities not reached in 1954-1955.

### TWO NEW SUPERVISORS

As a result of the increased number of requests for service and counselling it became necessary to add two new Supervisors to the division. Mr. John F. McGovern, formerly Principal of the Junior and Senior High School in Bridgewater, joined the staff on January 1, 1955 as Supervisor of Secondary Education. Dr. D. Justin McCarthy, Assistant Professor of Education at the University of Massachusetts, was welcomed on February 1, 1955 as Supervisor in Education (Certification and Elementary Education). They were selected from a field of eighty-five (85) applicants and have brought excellent service and increased stature to the Department of Education.

### CURRICULUM GUIDES

A basic part of the activity of Supervisors in this division is the development and publication of Curriculum Guides. These Guides are furnished to each school system, free of charge, on the basis of one for







each teacher and administrator. The Curriculum Guide for Preliminary Grades I-III and the Curriculum Guide for Intermediate Grades IV-VI are widely in use in the Commonwealth. With the addition of 3,000 new teachers over the past years, another printing is now necessary.

Steps are now being taken to prepare a Curriculum Guide for Junior High Schools, the Health section of this guide has been sent to the printer; the statement of Philosophy and Objectives of the Junior High School will be prepared in the Spring of 1956.

#### FAIR EDUCATIONAL PRACTICES

Beginning July 1, 1954, the Fair Educational Practices Program was transferred from a separate office with an appropriation to the Administration Section of the Department of Education Budget with no appropriation. The program by Chapter 726 of the Acts of 1949 was assigned to the Board of Education. Dr. Franklin P. Hawkes acted as Director of the Division of Fair Educational Practices from January 1, 1950 through July 1, 1954. The office was then combined with the Division of Elementary and Secondary Education without personnel, but simply as an added responsibility of the Acting Director of the Division.

Consequently during 1954-1955 there has been little activity in the field of Fair Educational Practices. During that time only four (4) informal cases have been added to the thirty-two (32) cases reported last year, but there has been no formal petition or complaint since the beginning of the program.

The major activity in the Office of Fair Educational Practices has been to maintain an up-to-date file of catalogues and admissions practices. Both students and admissions officials have been counselled with reference to proper observance of the Fair Educational Practices Act. Both editorially in the newspapers, and in actual practice, the philosophy and policies of the Fair Educational Practices Act have been thoroughly accepted. The cooperation and understanding that exists in the Commonwealth of Massachusetts in this area have been unusually productive in providing freedom of educational opportunity.

#### ANNUAL REPORTS OF SUPERVISORS

As part of the report of this division, each Supervisor has prepared an Annual Report giving more detailed accounts of their activities. These are important as they contribute to the objectives of the division, and point the way to activities in 1955-1956.

#### PLANS FOR THE SECOND YEAR

As the division looks ahead to the year 1955-1956, it should be noted that Dr. Patrick J. Sullivan will be the Director of the division beginning January 15, 1956. The second year will bring further challenges for the division in the following areas:—

- I      The Massachusetts Conference on Education in September 1955 will bring together hundreds of





citizens from all over the State. This may be the most important meeting in Education since the days of Horace Mann.

- II The Office of Certification and Placement will be a separate unit beginning October 3, 1955. Mr. Thomas A. Phelan, formerly Supervisor of that office, will now become Director of the Division of Certification.
- III The program of testing and its effective use in school systems needs thorough exploration. A special one-day institute in this field is essential during this year.
- IV The evaluation program, emphasized at both Principals and Superintendents State Conferences, requires much study and development. The citizens of the Commonwealth are seeking some means for evaluating their own schools, while the New England Association of Colleges and Secondary Schools requires an evaluation program for all high school members within the next ten years.
- V The relationship of union superintendencies and regional school increasingly demands attention. As schools are to be organized more effectively and more economically, citizens and school administrators must be alerted to the possibility in the field of regional schools.
- VI As little White House Conferences on Education develop in the various communities in the State, more and more will be expected of the State Department of Education. Publications describing the activity of the Division of Elementary and Secondary Education and of each office within the division will become more and more necessary. Relationships with Radio and Television will require added participation by members of the division staff.
- VII Special attention must be paid to the development of curriculum offerings in the public schools. To meet the demands of an age where atomic energy, electronics, and automation are the passwords, curriculum committees, both in the Teachers Colleges and in the public schools, will have to work closely together to develop the proper educational program for the schools of Massachusetts.



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## SECONDARY EDUCATION 1954-1955

### Introduction

Problems in secondary education in the nation and in Massachusetts are becoming manifest as the predicted enrollment picture begins to unfold, bringing along with it those problems of administration, organization, and curriculum which are of real concern to those responsible for secondary education in this Commonwealth. Possibilities for service by the Department at this secondary level were materially increased this year by the addition of staff. Mr. John F. McGovern, former Principal of Bridgewater High School, assumed his duties as Supervisor of Secondary Education in the Department on February 1, 1955. The office has, therefore, assumed greater responsibility and rendered greater service than was heretofore possible.

### Important Programs and Studies Underway

#### Curriculum Guides at the Secondary Level

Work and planning has continued through the year in the curriculum field. Progress on the Junior High School Curriculum Guide has been very slow. However, the need is realized and work will continue toward a successful conclusion. The publication, A Guide to the Teaching of Health in Massachusetts Junior High Schools, prepared by a committee appointed by the Commissioner with joint responsibility of the Department of Public Health and the Department of Education is ready for the printer.

#### Special Studies from Biennial Surveys and Directory Letters

The office has made many brief but important studies in secondary education in Massachusetts, often at the requests of Superintendents of Schools or junior or senior high school Principals, dealing with such problems as subjects taught, length of school day, length of periods, features of organization and administration, size of high schools, salaries of principals, and many others.

THE HISTORY OF THE  
CITY OF BOSTON

CHAPTER I

The first settlement in the city of Boston was made by a party of Englishmen, who arrived in the year 1630, under the command of Mr. John Winthrop. They were accompanied by a large number of Puritan ministers and laymen, who had fled from the persecution of the Church of England in their native country. They settled on the island of Boston, and soon began to build houses and churches. The city grew rapidly, and by the year 1635 it had become one of the most important cities in New England. The Puritans were a very strict and pious people, and they established a system of laws and customs which were very different from those of the English in their native country. They were also very fond of education, and they founded many schools and colleges. The city of Boston has since become one of the most important cities in the United States, and it has played a very important part in the history of the country.

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### Approval of High Schools - Evaluation

The office of secondary education is continuing work on a study of the Approval and/or Accreditation of Massachusetts High Schools under the direction of the Board of Education. The office will have a concrete plan to present to the Board this coming year.

In addition the office is working in an advisory capacity with the Special Committee of the New England Association of Colleges and Secondary Schools. The Massachusetts Committee of the Association has in the planning stages a program of self-evaluation which could result in real improvement in secondary education in Massachusetts.

### Study of Drop-Outs or School Leavers

The office completed a drop-out study for the school year 1953-54 which included secondary grades 7-12. This 1955 report as tied in with previous reports in the field will provide Massachusetts educators with real knowledge of this important problem.

### Special Projects

1. Nuclear Energy Conference - sponsored by office of secondary education for science teachers of western Massachusetts, May, 1955.
2. Thirty-Second Annual Conference of Principals of Junior and Senior High Schools combined with the Thirtieth Meeting of the Massachusetts Association of Deans was held at the State Teachers College, Framingham, on April 21 and 22, 1955. The Conference for Junior High School Principals was a Junior High School Workshop. The Conference of the Deans and of the High School Principals had as its theme, The Evaluation of Secondary Education.
3. A member of the staff serves on the Committee of the Eight Northeast Commissioners, to Study the Jobs of Professional Personnel in the Public Schools.
4. The office works closely with the Massachusetts Secondary School Principals Association and the Massachusetts Junior High School Principals' Association and a staff member is Coordinator of the former Association.



# CHAPTER - HISTORY AND THE FUTURE

History is the study of the past, and it is a discipline that has been practiced since the beginning of time. It is a discipline that has been practiced since the beginning of time. It is a discipline that has been practiced since the beginning of time.

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5. Preparation and printing of A Guide to the Teaching of Health in Massachusetts Junior High Schools.
6. Consultation with school systems on secondary program - Dover, West Boylston, Bedford, Pepperell, Bourne, and Amherst (Physical Education).
7. Cooperation in foreign teacher exchange program sponsored by the U. S. Office of Health, Welfare, and Education, and the U. S. Department of State. Under the Director of the Division five teachers from Germany were programmed in the Department and in five Massachusetts communities which served as hosts for a month.

Secondary Supervisors attended all meetings of the New England Association of Colleges and Secondary Schools, the Massachusetts Secondary School Principals' Association, and the Massachusetts Junior High School Principals' Association.

#### Committee Work

- A. Massachusetts State-wide School Lunch Advisory Committee
- B. Committee on Evaluation - Massachusetts, New England Association of Colleges and Secondary Schools
- C. Junior High School Curriculum Committee
- D. Heart, Cancer, and Diabetes Committees
- E. Committee on "A Guide to Teaching Health in Massachusetts Junior High Schools"
- F. Radio and TV Committee
- G. Massachusetts Health Council
- H. State Teachers College Professional Course Committee
- I. Represented Commissioner on Educational Policies Committee of the Massachusetts High School Equivalency Certificate Program
- J. Office of Secondary Education served as Secretary of the Committee on Certification of Superintendents of Schools in Superintendency Unions







Certification of Superintendents of Schools  
in Superintendency Unions

The Department of Education is required by Section 66 of Chapter 71 of the General Laws, to determine by examination or otherwise, the qualifications for the position of Superintendent of Schools in a Superintendency Union. In accordance with the provisions of the law, the Department issued certificates of eligibility for such service.

From July 1, 1954 to June 30, 1955, sixteen certificates were issued to the following for a three-year term:

Francis J. Burke  
Raymond J. Dower, Jr.  
Leroy C. Hinchcliffe  
Thomas J. Hurley  
Clarence J. Lamb  
John H. Lawson  
Anthony C. Minichiello  
J. Francis O'Mara  
Whitman Pearson  
Francis P. Reddington  
Frederick C. Riel  
William P. Robbins  
Herbert A. Rouisse  
Kenneth L. Sharp  
Guido C. Vallario  
Charles E. Witherell

The classes and number of certificates issued by the Department since the law went into effect are as follows: Permanent certificates, 3; preliminary certificates, 133; term certificates 495.

# Report of the Committee on the State of the Republic

The Committee on the State of the Republic, created by the  
Constitution of the United States, and organized on the 15th day of  
January, 1790, has the honor to report to the Senate and House of  
Representatives, the following statement of the state of the  
Republic, as it exists at the present time.

The Committee has the honor to acknowledge the receipt of the  
report of the Secretary of the Treasury, dated the 15th day of  
January, 1790, and to be informed that the same has been  
forwarded to the Senate and House of Representatives.

1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	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### Activities of the Office of Secondary Education

The activities of the office are extremely broad and varied. In addition to many office conferences, interviews, and much correspondence, the following are representative activities:

1. Field visitation of Junior and Senior High Schools - 128 different schools
2. Visitation to some 12 Discussion Groups of High School Principals geographically distributed over the State
3. Visitation to all of the four Junior High School Principals' Discussion Groups
4. Visitation to three County Superintendents' Groups
5. Clearing house for Colorado School of Mines and the Michigan College of Mining and Technology Scholarships for Massachusetts
6. Participation in Department Educational Surveys - Douglas, Erving, Topsfield, and Wenham
7. Host and guide to three groups of foreign educators
8. Twenty speaking engagements
9. Cooperated with the Office of Elementary Education in Conferences at Holden, Westfield, Uxbridge, and Acton
10. Attended the National Convention of the Nation Association of Secondary School Principals at Atlantic City
11. Attended the National Convention of State Directors and Supervisors of Secondary Education
12. Ten visits re. renewal of Union Superintendents' Certificates
13. Organize and administer written and oral tests for Union Superintendents' certificates
14. Attended Junior High School Principals' Conference at New York University
15. Attended SRA Invitational Reading and Vocational Aptitude Conference at New York







## ELEMENTARY EDUCATION

During the school year 1954-55, the field of elementary education in Massachusetts demanded attention with respect to the following particular problems:

- I. Increasing need for primary grade teachers.
- II. Continuing need for new school buildings.
- III. Developing curriculum areas.
- IV. Evolving new means of in-service education.
- V. Promoting intensive preparation of liberal arts college graduates for elementary school teaching.

### I. Increasing need for primary grade teachers.

Supervisors in the State Department of Education, working in the elementary area, are constantly alert to encourage young people qualified for teaching to enter the field. The supervisors approach the problem through both formal and informal activities - through high school career day meetings, discussions with liberal arts college students, and presentations at professional organizations; for example, Pi Lambda Theta and Delta Kappa Gamma. The great demand for teachers, a very great concern in elementary education, will continue for some time to be a major activity for the State Department advisory group.

### II. Continuing need for new school buildings.

In many communities throughout the Commonwealth, the lack of building space for elementary children creates the need for a variety of organizational plans for the school day. There are constant requests for State supervisory help in deciding upon the best procedure to follow. When the number of children is so great that double sessions are necessitated, usually the procedure recommended involves contacting parents and teaching staff members to ascertain the best possible arrangements for the particular community. In many cases, parents have agreed that it is both convenient and healthful for the children that the groups which have to attend school in the afternoon during the first semester be permitted to attend school in the morning during the second semester. In fact, some schools alternate the two groups each six or eight weeks. Dissemination of information on this topic of scheduling the crowded school program is one of the current areas of particular interest to the State supervisors of elementary education.

### III. Developing curriculum areas.

Each year, school departments in Massachusetts strive to attain higher standards of curriculum attainment than ever before.







The chief reasons for this development resides in greater understanding of child development and the psychology of teaching and learning. Some of the factors of teaching and learning presented in the Massachusetts Curriculum Guides are only gradually understood and adapted to classroom situations throughout the State. This makes for continuing curriculum development in terms of understanding and need in various communities.

The first printing of the curriculum bulletin, Phonics At Work, developed by the office of elementary education, was distributed to school superintendents, supervisors, and principals throughout the State. This publication was both timely and well received. The need for carefully presenting and explaining the purpose and use of any such bulletin is imperative. Such presentations and explanations enhance the effectiveness of the bulletin on improved classroom procedures. This apparent need was met by arranging meetings and in-service programs throughout the State for the expressed purpose of defining the place and importance of phonics as one means of word recognition in today's reading program.

Meeting the needs of gifted learners more adequately offers a challenge to all school personnel. That this challenge may be more effectively met, the supervisors of elementary education are continuing the study of gifted children which was started last year in the six New England States. The completed study will be available for school use throughout the Commonwealth, and should offer real help in setting up, executing and evaluating programs for our talented youth.

#### IV. Evolving new means of in-service education.

The office of elementary education has endeavored to meet the needs of the various communities in curriculum development by offering the kind of in-service program best suited to solve local problems.

The following one-day conferences were organized throughout the Commonwealth, aimed at curriculum improvement:

Acton, Grades 1-12 - towns of Ayer, Bolton, Boxboro, Carlisle, Groton, Harvard, Littleton, Maynard, Shirley, Stow, and Westford.

Dighton - towns of Berkley, Dighton, and Freetown.

Huntington - towns of Chester, Huntington, and Southwick.

Middleton.

Museum of Science - teachers from Dover, Lancaster, Methuen, Rockland, Sherborn, Watertown, and Wrentham.

Uxbridge - towns of Blackstone, Douglas, Hopedale, Millville, Northbridge, Sutton, and Uxbridge.

State Teachers College At Westfield - area.







Continuing in-service education programs were planned to meet curriculum needs whenever and wherever that was possible. The supervisors of elementary education planned a series of teachers' meetings, and met with the groups regularly to solve common problems. Such series were conducted for the school systems in the Holden, Pepperell, and Templeton Unions.

A three-meeting workshop was planned and conducted for the teachers in the Brookfield Union. Through general assembly and small group meetings, local problems relating to the teaching of Social Studies were analyzed.

The values of working together to solve problems regularly and for a long term are self-evident. Due to a limited staff, such activity must of necessity be restricted. Two such long-range programs were carried on by this office in cooperation with the Division of University Extension, thus enabling participants to gain university credit.

The Department of Public Health and the Nashoba Associated Boards of Health, with the cooperation of the Department of Education, conducted a workshop on Health Education for fifteen weeks. This course, while primarily for the schools of the sixteen towns served by the Nashoba Associated Boards of Health, was also attended by teachers from other surrounding school systems, forty-three principals and teachers having been enrolled. The purpose of the course was four-fold:

1. To effect improvement in the quality of health teaching by providing living-learning experiences which will develop or modify behavior for optimal health.
2. To provide background information from the basic sciences on which today's public health practices have been developed.
3. To develop an appreciation of the need for adequate school health services on the part of the teacher.
4. To make known the health resources available at the national, state and local levels.

A similar workshop in Mental Health Aspects of Teaching and Learning in the Elementary School was conducted at the Ware Elementary School by the supervisor of elementary education to help teachers develop curriculum practices which promote mental health of children. Principles of child development, the psychology of teaching and learning, current curriculum experimentation, the use of group processes in teaching, and effective guidance practices at the elementary school level, were examined.

As previously mentioned, the office is limited as to the number of such long-range programs it can conduct. The supervisors responded to requests by planning, sponsoring, and assisting in a consultative role for such programs in



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Great Barrington, Provincetown, Uxbridge, and Wrentham. With the exception of Wrentham, courses offered in these towns were sponsored by the Division of University Extension.

The Twenty-Fifth Annual State Conference for Elementary School Principals and General Supervisors of Public Education in Massachusetts was held for three days at the University of Massachusetts. The theme, Progress in Elementary Education, was selected to mark this milestone. The conference program included a panel discussion following the opening address, The American Public Views Education. The panel included lay citizens, a representative of the Massachusetts Congress of Parents and Teachers, and a school committee representative, as well as professional educators. Four general areas selected for group discussion were: Administrative Leadership, Guidance in the Elementary School, Curriculum Development, and Communication. The conference, attended by over six hundred principals, supervisors, and key people concerned with elementary education, was brought to a close with an address, Challenges of the Future in Elementary Education.

From time to time, it seems imperative that State Department personnel take a critical look at their practices, with an eye toward evaluation and improvement.

A one-day conference was sponsored for the State Department staff members involved in professional work with elementary schools throughout the Commonwealth. The purpose of the conference was to initiate a study of elementary practices in Massachusetts as prompted through State services. As the participants explored the question, How Does the State Department Evaluate the Effectiveness of Their Services in Improving the Elementary School Curriculum, three areas were examined:

1. Changing the curriculum practices.
2. Promoting effective in-service activities.
3. Evaluation of elementary school programs and related supervisory services.

This conference had the leadership of Dr. Gertrude M. Lewis, Specialist for Upper Grades, United States Office of Education.

Attendance at and participation in local and out-of-state conferences constitute an important part of a supervisory program. Both supervisors of elementary education attended and participated in the conference of the New England Reading Association. The out-of-state conference of the Association for Supervision and Curriculum Development was attended by one of the supervisors, and the area meeting of the National Education Association was attended by the other supervisor.







Conducting educational surveys of school systems by the Department of Education is a valuable service, and is also one which, of necessity, must be time-consuming. Limited staff members and limited clerical assistance place restrictions upon this service.

Recognition by communities of helpful service which can be rendered by the Department through conducting such educational surveys points up the need for increased personnel in order that such programs may be continued and expanded.

Educational surveys of the school systems of Erving, Topsfield, and Wenham, were conducted and reports were made by the supervisors of elementary education.

Regulatory visits to school systems for the expressed purpose of renewing Superintendents' Union Certificates were made by the supervisors of elementary education to the following towns:

Belchertown	Hopkinton
Bernardston	Leyden
Boxford	Millbury
Brewster	Northfield
Charlton	Norton
Dennis	Plainville
Georgetown	Rowley
Gill	Sturbridge
Grafton	Swansea
Groveland	Warwick
Holland	Yarmouth

The increasingly healthy interest of lay citizens in education, and more especially the interest of parents whose children are enrolled in the elementary schools, have been evidenced in the number of requests this office has received for participation of the supervisors in programs of lay groups or parent-teacher associations which are endeavoring to solve educational problems. Over fifty such programs included a supervisor of elementary education.

#### V. Promoting intensive preparation of liberal arts college graduates for elementary school teaching.

The adequate preparation of teachers during this period of large enrollments and teacher shortage must be of prime concern to State Department personnel. Intensive Teacher Preparation Programs were established at five State Teachers Colleges throughout the State. The office of elementary education assisted in the planning of these programs. The course was open to college graduates not prepared to teach in the elementary grades, but who wished to do so; to college graduates of limited experience in the elementary grades who need more adequate preparation; to secondary and special teachers wishing to





prepare for elementary teaching; to those who wish to re-enter elementary teaching after a protracted absence. The senior supervisor acted as coordinator of the six weeks' program at Hyannis. The five programs were coordinated and supervised by the supervisor of elementary education, who acted as both a guest lecturer and a consultant at the five centers.

Public relation programs included the press, radio, and television. The supervisors of elementary education conducted evaluative and follow-up activities with the students of these programs whenever and wherever possible. These intensive Teacher Preparation Programs trained one hundred and fifty teachers for Massachusetts classrooms.



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## PHYSICAL EDUCATION

### SUPERVISORY VISITS

During the past year one hundred twenty-nine schools in eighty-six towns and cities were visited. It was the purpose of the supervisor to evaluate the physical education program of each of these schools in regard to instruction (as to time allotted, and method of procedure), the adequacy of both in-door and out-door facilities, and the effectiveness of the program upon the pupils. Suggestions were made in situations in which the improvement of the physical education program was necessary.

Additional services were rendered to communities through the attendance of the supervisor at various civic, church, and athletic meetings. At his speaking engagements, which numbered eighty-seven, the supervisor sought to impress both adults and students with the importance of physical fitness and physical education in the development of youth into a worthwhile and active citizen, and also with the idea of physical education as a career.

The supervisor also assisted other members of The Department in the surveys of Erving, Sherborn, Douglas, Wenham, Topsfield, and Amherst. In this instance again, the purpose was to evaluate the physical education program of each school system. Recommendations were made, when necessary, in regard to the purchase of equipment for use in the gymnasium, the improvement of present facilities, and the increase of time allotment for physical education classes. It is significant to note that much emphasis was placed on the establishment of a definite program of physical education activities in the elementary grades.

### CONFERENCES

The supervisor attended the Annual PTA Conference, (Swampscott), the National AAU Convention (Florida), Meetings of the Massachusetts State Physical Education, Recreation, Safety, and Health Society, The High School Principals' Convention (Maine), Meetings of the Massachusetts and New England Safety Councils, and the Eastern District Association Conferences.

### SPECIAL PROJECT

The office of the supervisor of physical education assisted in the revision of health record cards for the state teachers colleges and 11,000 of the same were printed and distributed.



THE HISTORY OF THE

REIGN OF

The first part of the reign of King Henry the Fifth, who reigned from the year 1413 to 1422, was distinguished by the great success of his arms in France. He was crowned King of France at Reims, and afterwards defeated the French at the battle of Agincourt, which was one of the most famous battles in the history of England.

Henry the Fifth was a brave and valiant king, who was very popular among his subjects. He was also a great warrior, and he led his army to many victories. His reign was a time of great glory for England, and he is remembered as one of the greatest kings in the history of the country.

Henry the Fifth was born on 21st September 1413, at Monmouth. He was the third son of Henry the Fourth, and he was educated at the University of Paris. He was a very brave and valiant man, and he was very popular among his subjects. He was also a great warrior, and he led his army to many victories.

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### SPECIAL ACTIVITIES

- Active member of the National Safety Council and the Massachusetts Safety Council.
- Member of the U.S. Olympic Track and Field Committee.
- Member of the Executive Committee of the Massachusetts Association for Health, Physical Education, Athletics, Recreation, and Safety.
- Publicity Director for the Eastern District Association Convention.
- Chairman of the Eastern District State Directors Meeting.
- Chairman of Transportation for the Eastern District Music Festival.

### MISCELLANEOUS

On thirty-three Saturdays, fifteen Sundays, and four holidays, the supervisor officiated and conducted various sports events for high school and college authorities.





## TEACHER CERTIFICATION AND PLACEMENT BUREAU

General Laws, Chapter 71, Section 38G, as  
amended by Chapter 530, Acts  
of 1952, and Chapter 264,  
Acts of 1953

July 1, 1954 to June 30, 1955

Certification is the legal authorization for a person to teach in the public schools of the Commonwealth of Massachusetts.

The State Board of Education is charged by law to formulate regulations and policies pertinent to certification in order to contribute to the achievement of satisfactory professional standards.

Certification accreditation and teacher education constitute a continuing process designed to assure an adequate supply of competent persons for teaching.

During the period extending from July 1, 1954 to June 30, 1955, the Office of Teacher Certification and Placement issued 4186 certificates. The vast majority of these certificates were issued to recent college graduates.

At the present time and continuing until September 1, 1956, the type of certificate issued is all-embracing, that is, it empowers the holder to teach on any level and to function in the various fields of administration in our public school system.

On September 1, 1956, new requirements, announced by the State Board of Education three years ago, will be put into effect. At that time semester hours in professional Education will be required and certification will be according to positions, subjects and levels. These new requirements should facilitate the free flow of qualified teachers into the classrooms of our public schools.



THE UNIVERSITY OF CHICAGO

DEPARTMENT OF THE HISTORY OF ARTS

CHICAGO, ILLINOIS

1911

TO THE HONORABLE THE PRESIDENT OF THE UNIVERSITY OF CHICAGO

AND THE HONORABLE THE CHANCELLOR OF THE UNIVERSITY OF CHICAGO

AND THE HONORABLE THE DEANS OF THE FACULTIES OF THE UNIVERSITY OF CHICAGO

AND THE HONORABLE THE MEMBERS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF CHICAGO

AND THE HONORABLE THE MEMBERS OF THE FACULTY OF THE UNIVERSITY OF CHICAGO

AND THE HONORABLE THE MEMBERS OF THE STUDENT BODY OF THE UNIVERSITY OF CHICAGO

# TEACHER CERTIFICATION AND PLACEMENT BUREAU

During the year July 1, 1954 to June 30, 1955, the Teacher Certification and Placement Bureau enrolled 2,522 new registrants, received notice of 386 vacancies and placed 362 teachers with aggregate salaries of \$962,884 for full-time teachers. The number of new registrants having no experience was 1,641. These are classified as follows:

Positions Desired	Women	Men
High School	202	742
Kindergarten, Primary, Grammar and Junior High,		
Special Class	184	108
Household Arts	22	---
Drawing	16	26
Music	23	40
Industrial Arts	---	22
Physical Education	26	127
Commercial	35	56
Miscellaneous	4	8
Totals	512	1,129

The number of teachers placed by the Bureau from 1913-1955, together with the aggregate salaries is indicated in the following table:

	1913-1951	1952	1953	1954	1955	Totals
Superintendents of Schools	98	3	16	14	8	144
High School Principals	281	5	6	4	3	299
High School Teachers	2,602	85	80	92	83	2,942
Elementary and Junior High Principals	227	7	16	12	11	273
Elementary, Junior High and Special Class Teachers	4,586	130	135	140	156	5,147
Special Teachers	2,262	90	81	82	85	2,600
State Teachers Colleges	128	45	26	30	16	245
Part-time Teachers	1,130	---	---	---	---	1,130
Totals	11,314	370	360	374	362	12,780
Estimated Aggregate Salaries of Teachers Placed	\$14,008,204	\$941,900	\$939,668	\$1,075,200	\$962,884	\$17,927,856





## ANNUAL REPORT

Office of State Supervisor of Music Education.

1954-1955

I. OBJECTIVE OF STATE PROGRAM

The objective of state music education supervision is to provide professional assistance in the progress and needs of music education. Regulatory responsibilities are concerned with an endeavor to insure minimum instruction in scope and in quality, adequate teaching facilities and materials, establishment of more desirable standards, and efficient organization and administration. Leadership services endeavor to assist in evaluating, developing, and coordinating plans, in formulating policies, in providing advisory services and professional growth opportunities, in curriculum development, in the improvement of supervision, methods, techniques, procedures, working conditions, use of facilities and materials of instruction, so as to determine ways and means through which desired outcomes may be attained with maximum efficiency and economy of time and effort.

A. Visits To Cities and Towns. (1952-1953 Series)

A systematic cumulative schedule of visits is being followed. During the past three years, two-hundred forty-six visits have been made. In this series of visits, superintendents are being contacted first instead of music personnel.

B. Directory of Music Personnel. (Supervisory)

A directory of the vocal and instrumental music education employees is compiled from the information reported by superintendents for The Educational Directory.

C. Services To Teachers and To Music Students.

Many problems of organizational, administrative, and curricular nature are presented by music personnel and by general school administrators; problems of research nature are presented by music personnel and by undergraduate and graduate music students.

D. Promotion of Vocal and Instrumental Music Education Activities Throughout The Commonwealth.

The original purposes for initiating a central music office;-namely;- (1) to develop an awareness of the potentialities of music in general education; (2) to guide music instruction of the state as a whole; (3) to encourage music instruction as an integral part of every school program; (4) to endeavor to



ARTICLE I

SECTION 1. All legislative Powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

SECTION 2.

SECTION 3.

The House of Representatives shall be composed of Members chosen every second Year by the People of the several States, and the Electors in each State shall have the Qualifications requisite for Electors of the most numerous Branch of the State Legislature. No Person shall be a Representative who shall not have attained to the Age of twenty five Years, seven Years a Citizen of the United States, and when elected shall have been seven Years a Citizen of the State in which he shall be chosen. Representatives and Electors may be removed by the People of the State in which they shall have been chosen. No Representative shall hold any other Office but that of Representative during the Time for which he shall be chosen. No Representative shall be a Senator, or hold any other Office of Trust or Profit under the United States, or be a Member of any State Legislature, or be employed in any civil Office or Profit under any State during the Time for which he shall be chosen. No Representative shall be a Member of any State Legislature, or be employed in any civil Office or Profit under any State during the Time for which he shall be chosen.

SECTION 4.

A Representative or Elector in any State who shall be convicted of Treason, Felony, or other high Crime, and be judged by a Jury to have forfeited his Office, shall be incapable of being chosen to, or acting as, a Representative or Elector.

SECTION 5.

The House of Representatives may determine the Rules of its Proceedings, and the House of Representatives may elect its Speaker and other Officers, and may elect Members to fill the Vacancies which may happen among its Members.

SECTION 6.

The House of Representatives shall be sworn or affirmed before they enter on the Office, to support the Constitution. The House of Representatives shall have the sole Power of Impeachment. The House of Representatives shall have the sole Power of Impeachment.

SECTION 7.

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keep the instruction program in balance; have become legally established regulatory functions since 1953. (Chapter 137, Acts of 1953, Section 1 of Chapter 71 of The General Laws Relating to Education).

## II. ACTIVITIES OF OFFICE

### A. Routine

Routine activities consist of reviewing, sending, and answering all correspondence pertaining to music education within The Commonwealth; initiating and maintaining records and reports; scheduling and recording visits; analyzing curricular, personnel, organizational and interrelationship problems; personnel consultations, by appointment and otherwise; studying professional and research material concerning status and trends of music education and of general education; acting as liaison agent with school personnel and with the public; acting as consultant, as advisor and other professional services which would help to improve the teaching-learning situations in public school music.

### B. Visits To School Systems

Ninety-five visits were made, ten of which were repeats. County distribution during this year was as follows: Barnstable 14 (1 repeat), Bristol 9, Essex 4 (2), Franklin 8, Hampden 2 (1), Middlesex 9 (3), Norfolk 4 (1), Plymouth 13 (2), Suffolk 2, Worcester 20. Total 85 (10).

There seems to be a marked increase on the part of many superintendents toward fostering a well-balanced music education program in their systems. However, during these visits, urgent organizational and administrative problems and needs were revealed, such as overcrowded time schedules, lack of budgetary provisions, uncoordinated supervisory relationships, and inequitable work-loads. With increased enrolments in many rural and in some urban systems, local traditional supervisory procedures have become cumbersome. Encouraging the classroom teacher, and enabling her to assume more responsibility for the furtherance of music education within her classroom is a national objective and its realization would aid supervisory scheduling. Several towns, that through the years have had weekly supervisory visits to the twenty or twenty-four classrooms, cling to that program even though the number of classrooms has grown to forty-eight or fifty. Increasing demands are being made for preparation of performance material in Grades VII - XII, and the supervisor endeavors to continue an abnormal workload with the result of decreasing physical stamina, mental health, and quality of product. A recommendation of tri-weekly supervisory visits frequently solved a frustrating condition.



THE UNIVERSITY OF CHICAGO  
LIBRARY  
1000 S. MICHIGAN AVE.  
CHICAGO, ILL. 60607

THE UNIVERSITY OF CHICAGO

1968

The University of Chicago is a private, non-sectarian, research university. It was founded in 1837 and is one of the oldest and most prestigious universities in the United States. The university is known for its commitment to academic excellence and its diverse student body. It has a long history of producing leaders in various fields of study and has been a center of innovation and discovery for over a century. The university's campus is located in Chicago, Illinois, and it covers a large area of the city. It is a member of the Association of American Universities and is ranked among the top universities in the world.

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## C. Advisory Services

### 1. Consultative

Approximately one hundred fifty consultations were held concerning personnel and inter-personnel problems and relationships, as well as administrative and supervisory ones.

### 2. Organizational

Appraisal and planning services have been rendered in the analysis and revision of several local supervisory and instructional music education schedules, and in the creation of future schedules to meet projected estimates of increased pupil enrolments, and personnel requirements. Studies of work conditions have been made. In several instances the immediate implementation of department recommendations by local systems has resulted in economy of time and effort, and in improvement of product. Several superintendents have expressed an increasing need for reappraisal of music supervisory services due probably to a combination of reasons, as stated above, and also because of the legislative enactment including the subject, music, in Section 1 of Chapter 71, General Laws Relating To Education.

Other reasons may be an increased realization of the values of vocal and instrumental musical experiences in school and community life, and in the prevailing trend of increased salaries for specialized supervisory services. Detailed time-study analyses, or complete surveys were made for Ayer, Bedford, Douglas, Erving, Hanson, Longmeadow, Northampton, Norwell, Plymouth, Stoneham, Topsfield, Wellesley, and Wenham.

## D. Public Relations Activities

During the year, six public addresses were made in The State in behalf of music.

Service was given as officer or Executive Board Member of Music Educators National Conference, National Association of State Supervisors of Music, Graduate Alumni Advisory Board of The School of Fine and Applied Arts, Boston University, Massachusetts Music Educators Association and the 1955 Boston Convention Budget and Planning Committee of Eastern Music Educators Conference.

### EASTERN MUSIC EDUCATORS CONFERENCE

Twenty-Fourth Meeting.  
Hotel Statler, Boston.

Fourteenth Biennial  
February 25-March 1, 1955

An excellent program of vocal and instrumental music was presented by pupils of The Boston Public Schools and Arch-diocesan Schools on Host Night, Hotel Statler Ballroom, Friday evening, February 25, 1955. The state supervisor of music, as Presiding Officer, represented The Conference.





## E. Studies

Pressure of ever-increasing office routine duties, full visitation schedule and planning, with increasing requests for advisory services, coupled with most inadequate clerical assistance, preclude detailed follow-up of visitations and projects of research nature.

However, cooperation was received from two supervisors in analyzing the music content of high school graduation programs (1953-1954) and in ascertaining the conditions of instrumental music instruction in the Junior High Schools. Abstracts of these studies will be available in September, 1955.

## III. PLANS FOR 1955-1956

- A. Compilation of Music Personnel Directory.
- B. Visitations - Completion of Minimum of Sixty School Systems. (Balance of 1952-1953 Series = 105)
- C. Compilation of Some Facts Concerning Status of Music Education Programs in Junior High Schools. (Items contained in Official Biennial Junior High School Survey - June, 1955)
- D. Continued furtherance of establishing permanent status for Junior High School General Music Instruction, - two periods per week, for each section (or division) of Grade VII, and each section of Grade VIII, under the same teaching-learning conditions as for other subjects. Additional ensemble and solo opportunities, of performance or remedial nature, for pupils of varying abilities, in instrumental and vocal music, are essential.
- E. Continued furtherance of attempt to initiate general music instruction in Grades IX-XII by advocating Plan A, one period, per week, each year, for each section (or division) or Plan B, one period, per week, one semester, each year, for each section. Continued programming of vocal and instrumental activities, - ensemble and solo, for pupils of varying abilities.
- F. Continued furtherance of music education content of The Massachusetts Curriculum Guide, Grades I-VI, inclusive.





- G. Continued furtherance of attempt (1) to have instrumental music instructors employed under Section 38, Chapter 71, and (2) to have discontinuance of collection of fees from pupils for instrumental music instruction given during school hours.
- H. Active participation in activities of the Massachusetts Music Educators Association, Music Educators National Conference and Eastern Music Educators Conference. Active participation in several other associations, such as Professional Clubs, Delta Kappa Gamma Sorority, has had to be curtailed owing to increase, almost in geometric ratio, of public school music interests and activities.
- I. Satisfactory completion, as far as is possible, of unfinished studies and projects.
- J. Continued effort (1) to further the original objectives of establishment of state music supervision and of all ensuing cumulative ones, and (2) to participate in any relationships that will better the teaching-learning conditions of vocal and instrumental music instruction, in urban and rural school systems, throughout The Commonwealth of Massachusetts.



the first of the year, the weather was very cold and the ground was covered with snow. The wind was very strong and the rain was very heavy. The people were very busy and the work was very hard.

The second of the year, the weather was very warm and the ground was covered with grass. The wind was very light and the rain was very light. The people were very happy and the work was very easy.

The third of the year, the weather was very hot and the ground was covered with sand. The wind was very strong and the rain was very heavy. The people were very angry and the work was very hard.

## GUIDANCE AND PLACEMENT 1954-1955

### Guidance Development

New programs continue to be developed and programs already in progress continue to expand. Very few schools are not now covered by some guidance counselor time assignment. A notable development in guidance has been in the elementary field where adaptation of guidance practices is beginning to show excellent results.

A special effort has been made to assist schools with new programs and new directors. This effort seems to produce worthwhile results in the quality and extent of each program service.

### Activities Related to Guidance

The guidance program is the central activity to a group of school activities known as pupil personnel services. It is inevitable that our guidance services and supervision of them should bring this office into close contact with such pupil personnel services as Health Service, Attendance Service, Psychological Service, Testing Service, and the like. In the field of testing which is the major responsibility of a school psychologist or psychometrist, especially where there is no functionary definitely designated as psychologist or psychometrist, the guidance office is besieged with questions. In order to meet the growing volume of these questions, a first step has been to arrange for a series of Testing Institutes specially adapted to the needs of supervisory personnel in the Department of Education. To these Institutes have come educators, authors, and outstanding authorities in the field of testing. Definite recommendations for a state-wide testing program are being considered.

### Professional Activities

Public relations having a bearing upon future promotion of guidance programs have been undertaken in a number of directions. These have included (1) conferences with business and industrial leaders; (2) conferences with leaders in post-secondary education; (3) conferences with superintendents and principals; (4) the New England College Conference on the development of counselor-training;





(5) executive committee membership in the New England Conference of the American Personnel and Guidance Association as well as the National Vocational Guidance Association; (6) conferences with the Massachusetts League for Nursing; (7) membership in the recruitment committee of the Massachusetts Public Health Association; (8) participation in college and university guidance conferences; (9) participation in high school Career Days; and (10) talks at professional association meetings.

#### Special Activities Related to Guidance

From time to time, special activities are undertaken to meet special needs. During this year, some of these activities have been (1) a Guidance Inventory and Follow-up Study of the Topsfield and Wenham Schools; (2) a Guidance Inventory and Follow-up Study of Douglas Schools; and (3) publication of a bulletin of monographs describing "Unique Effective Guidance Practices in Massachusetts Public Schools," and a report of "A Study of Guidance Practices in Massachusetts Public Elementary Schools."







## DIVISION OF STATE TEACHERS COLLEGES 1954-55

Continued growth, qualitative and quantitative, has been the outstanding characteristic of the Massachusetts State Teachers Colleges and the Massachusetts School of Art during this year. The student body, the faculty, and the physical plants have all increased. The study of many persistent and difficult academic matters is nearing a successful end. Still another of the colleges, the Massachusetts School of Art, has been judged by associations of its peers and has been approved. Long-range plans for expansion of the colleges to meet the increasing demand for teachers in the future are being carefully formulated and developed. The five-year plan for physical rehabilitation and expansion of these institutions, which called for the expenditure of \$10,000,000 by 1955, will be more than fulfilled this year, and plans for further expansion are in process.

### The Undergraduate Student Body

Despite the fact that high school graduating classes are smaller now than for many years, the enrollments of freshmen in the Colleges increased greatly. Freshman enrollments in October, 1954 were 1861, or approximately 30% greater than those for 1953. Advance registrations for the fall of 1955 show an entering class of approximately the same size.

Total undergraduate enrollments as of October 1, 1954 were 4942, an increase over the previous year of 13.5%. Anticipated total enrollments for the fall of 1955 are approximately 5500, an increase of nearly 12% over 1954.

This growth may be attributed to several factors, perhaps the most prominent being increased publicity on the need for teachers and the determined efforts of the Colleges to recruit.

### The Extension Student Body

In its first year of operation the newly-organized Teachers College Extension Study program conducted 208 courses in the several Colleges in late afternoon, evening, Saturday, and summer sessions. Over 7000 course enrollments were registered with total receipts for the year of \$122,645.90, total expenditures of \$82,857.22, and a net profit of \$39,788.68 in the entire program.

This extension program, with its rapid growth, poses many problems, mainly of an administrative nature, but undoubtedly is contributing greatly to raising the general level of educational preparation of a sizeable segment of the Massachusetts public school teaching staff.



THE HISTORY OF THE  
CITY OF LONDON

The history of the city of London is a subject of great interest and importance. It is a city of great antiquity, and its history is full of interest and variety. The city has been the seat of power and wealth for many centuries, and its history is full of interest and variety. The city has been the seat of power and wealth for many centuries, and its history is full of interest and variety. The city has been the seat of power and wealth for many centuries, and its history is full of interest and variety.

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- 2 -

Among the special features of the program were intensive teacher-preparation courses at the elementary grade level, courses in American citizenship conducted in cooperation with the office of the Director of American Citizenship, and a program of courses designed to enable teachers to prepare for work as special class teachers, offered in cooperation with the office of the Director of Special Education.

### The Faculty

To meet the rapid expansion of the regular student body, fifteen new permanent faculty positions were added to the College staffs in the year 1954-55. This brings the total permanent College staff to 352, 312 of whom are college faculty and 40 of whom are training school faculty.

In the 1956 budget the department has requested the addition of sixty-three new faculty positions, sixty for the college staff and three for the training school staff.

### Assistant Director of the Division

At the meeting of the State Board of Education on June 28, 1955, it was voted to accept the resignation of Dr. John F. Bowler, professor on leave from the State Teachers College at Framingham, as Assistant Director of the Division of State Teachers Colleges to return to the State Teachers College at Framingham.

### President, State Teachers College at North Adams

On December 31, 1954, Dr. Grover C. Bowman retired after eighteen years as President of the State Teachers College at North Adams, during which time he rendered outstanding service to the cause of education in the Commonwealth. During his term of service, North Adams became a member of the New England Association of Colleges and Secondary Schools and was accredited by the American Association of Colleges for Teacher Education.

On January 25, 1955, the Board of Education appointed Dr. Eugene L. Freel to the presidency. Dr. Freel, professor of psychology at the State Teachers College at North Adams, and prior to that a member of the faculty at Union College, was inaugurated President on May 6, 1955.

### New Programs at the State Teachers College at North Adams

The Board of Education at its June 14, 1955 meeting voted to approve the establishment of a Mental Health Center at the State Teachers College at North Adams in cooperation with the Northern Berkshire Mental Health Association and the Massachusetts Department of Health. The Board, at that same meeting, also voted to approve the establishment of a program in nursing education at







- 3 -

the State Teachers College at North Adams in accordance with the same plan as that now followed at the State Teachers College at Fitchburg.

#### Academic Recognition

The New England Association of Colleges and Secondary Schools, at its December, 1954 meeting, admitted the Massachusetts School of Art to membership. This brings to six the number of Colleges now members of that Association. Those admitted previously were Bridgewater, Fitchburg, Framingham, North Adams, and Salem.

As a result of the joint inspection carried on in the fall of 1954 by the New England Association of Colleges and Secondary Schools and the National Association of Schools of Design, the Massachusetts School of Art was reapproved for accreditation by the latter organization.

#### Commencement Exercises

A total of 1105 degrees were awarded at the commencement exercises held during the month of June. For the first time exercises were held in the new auditoria of the State Teachers Colleges at Framingham and Lowell.

#### Studies

Several committees reported during the year on the progress of their continuing studies.

The General Education Study, begun in February, 1953 under the Chairmanship of Dr. John F. Bowler, has been considered and approved with some changes by the entire faculty of the Colleges, and by a committee of Presidents. It is now ready for final revision and consideration.

The second curriculum study, that of the committee headed by Dr. William R. Tracey, dealing with Professional Courses for the Preparation of Secondary School Teachers, has been under way for nearly one and one-half years. This committee reports considerable progress in this work, which when completed will complement the Report of the Committee on Professional Courses in Elementary Education in the Massachusetts State Teachers Colleges.

Other studies which are nearing completion are a study of transfer credit policy, a study of admissions policy, and a study of the program leading to the degree of Master of Education.

One completed study entitled "Phonics at Work", published in March, 1955 under the direction of Dr. Mary A. O'Rourke and







- 4 -

Miss Margaret A. Shea of the Department, utilized eight Teachers College faculty members in its preparation.

### The Anderson Report

The Board of Education submitted on January 12, 1955, to the Special Unpaid Commission Established Under Resolves 47 and 82, 1953; 64, 1954, the Board's analysis of the Anderson Report on the Massachusetts State Teachers Colleges. In this analysis the Board strongly opposed the transfer of the State Teachers Colleges and the Massachusetts School of Art from the jurisdiction of the State Board of Education to a separate board of trustees, as recommended in the Anderson Report.

### Conferences

The thirtieth Conference of the State Teachers College Faculty Members was held on March 25 and 26, 1955 at the State Teachers College at Bridgewater. The Conference was mainly devoted to a consideration of general education in the State Teachers Colleges. Meetings were held also on requirements for admission to the Massachusetts State Teachers Colleges and the Massachusetts School of Art, and on professional courses for the preparation of junior high school teachers.

### The Program of Physical Improvement and Development

The following is a description of all capital projects in excess of \$5000 since 1950 which are completed, in the process of planning or construction, or for which monies were included in the recommendation of His Excellency, Governor Christian A. Herter in the 1955-56 Capital Outlay bill. (Later voted by the Legislature):

#### 1. State Teachers College at Boston

Boiler renovations were completed July 15, 1955, at a cost of \$135,000. Renovations to coping and parapets costing \$20,000 are not yet complete. General renovations to the interior, including a new cafeteria which is scheduled to be completed September 9, 1955 are underway. This project has an appropriation of \$76,000.

In the 1956 budget funds totalling \$175,000 for further renovation of the roof parapet and for maintenance repairs are included.

The total is \$406,000.

#### 2. State Teachers College at Bridgewater

Based on plans costing \$36,000 work began on the new \$1,156,000 gymnasium and swimming-pool building on June 27, 1955, the project to be completed in 360 days.



THE UNIVERSITY OF CHICAGO  
 DIVISION OF THE PHYSICAL SCIENCES

### MEMORANDUM

TO : THE BOARD OF PHYSICS  
 FROM : THE DIVISION OF THE PHYSICAL SCIENCES  
 SUBJECT: A PROPOSAL FOR THE ESTABLISHMENT OF A  
 RESEARCH FELLOWSHIP IN THE FIELD OF  
 THEORETICAL PHYSICS

### Summary

The Division of the Physical Sciences has the honor to acknowledge the receipt of your letter of the 15th of March, 1954, regarding the establishment of a research fellowship in the field of theoretical physics. The Division is pleased to inform you that the Board of Physics has agreed to establish such a fellowship, and that the Division is now in the process of selecting a suitable candidate for the position.

### Details of the Fellowship

The fellowship is to be for a period of one year, beginning on the 1st of September, 1954, and ending on the 31st of August, 1955. The fellowship is to be for a full-time position, and the fellow is to be paid a salary of \$10,000 per annum, plus a stipend of \$2,000 per annum, for a total of \$12,000 per annum.

### Qualifications of the Fellow

The fellow should be a graduate of a university in the United States, and should have a degree in physics or a related field. He should also have a strong background in theoretical physics, and should be capable of conducting original research in this field.

The fellow should be a native-born American citizen, and should be under the age of 35 at the time of his appointment. He should also be a member of the American Physical Society.

Very truly yours,  
 J. R. Oppenheimer

### Recommendation of the Division

The Division of the Physical Sciences recommends the establishment of the fellowship, and the selection of a suitable candidate for the position. It is recommended that the fellowship be established for a period of one year, beginning on the 1st of September, 1954, and ending on the 31st of August, 1955.

- 5 -

Bids have been received on a new \$10,000 storage building to be located on the campus.

Plans for an \$87,000 renovation of the electrical-distribution system are complete and awaiting bids. The \$43,000 project for renovation of the steam-distribution system was completed on June 30, 1955. \$1800 has been appropriated for an estimated \$100,000 plumbing-renovation project and preliminary plans are completed.

In addition to the above, since 1950 the following major projects have been completed: boiler repairs, \$40,000; fire protection, \$54,000; refrigeration renovations, \$17,000, and preliminary plans for a new one-hundred-bed dormitory building, \$30,000.

Included in the 1956 budget at the close of the fiscal year was \$30,000 for the addition of a new boiler, and \$90,000 for plumbing renovation in Woodward Hall.

The total is \$1,594,800.

### 3. State Teachers College at Fitchburg

The preliminary plans for a new \$453,000 gymnasium building are ready and awaiting completion of construction drawings. The completed plans for a dormitory, dining-hall, and kitchen building for which \$35,000 was appropriated in 1951 are awaiting appropriation.

A \$30,000 masonry project on the Industrial Arts Building has been completed. Architects are working on the final construction plans for a \$65,000 rewiring project. A \$65,000 plumbing improvement project is 50% completed, and a \$66,000 boiler-plant-renovation project is completed.

In addition to the above, since 1950, \$130,000 has been expended for fire protection, \$25,000 for heating improvements, \$45,000 for floors, and \$35,000 for plumbing.

Included in the 1956 budget is the amount of \$35,000 for plumbing in Miller Hall.

The total is \$984,000.

### 4. State Teachers College at Framingham

The new \$625,000 auditorium and gymnasium building is completed and was accepted by the Department on June 15, 1955.



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The \$111,300 power-plant-renovation project is completed, and the \$17,000 project for renovation of the heating system in Crocker Hall is scheduled to be finished by September 10, 1955.

The total is \$753,300.

#### 5. State Teachers College at Lowell

The new \$850,000 auditorium-gymnasium-classroom building has been completed and was accepted by the Department on April 12, 1955. Landscaping is now in progress.

The conversion of the present auditorium into a library, a \$15,500 project which is to be completed by January 1, 1956, is 50% finished.

Since 1950, a total of \$82,645 has been spent on fire protection in the college building.

Included in the 1956 budget is the amount of \$25,000 for toilet improvements.

The total is \$973,145.

#### 6. State Teachers College at North Adams

The \$75,000 appropriation for plans for a new science building is currently awaiting a change in the scope of the wording of the appropriation act. The \$252,000 project for the modernization and renovation of buildings is 75% completed. The first two of three contracts totaling \$53,000 for fire-protection projects have been completed, with the third contract yet to be completed.

Since 1950, the additional following projects have been completed; exterior painting, \$10,000; roofing, \$15,000; and masonry work, \$5,000.

Included in the 1956 budget is the sum of \$44,000 for boiler-plant renovation.

The total is \$454,000.

#### 7. State Teachers College at Salem

Preliminary plans for the new library-auditorium-cafeteria-gymnasium-administration building, for which \$50,000 was appropriated, have been completed. \$5,000 has been appropriated for the purchase of additional land. A \$60,000 floor appropriation project has been completed.



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In addition, since 1950, the following projects have been completed; fire protection, 4,000, resurfacing of tennis courts, \$6,000, plumbing renovations, \$26,300, and painting, \$15,000.

Included in the 1956 budget is the amount of \$1,150,000 for the construction of the new library-auditorium-cafeteria-gymnasium-administration building.

The total is \$1,316,300.

#### 8. State Teachers College at Westfield

The new \$3,150,000 college plant is approximately 50% completed. The contract was awarded in October with the work to be completed one and one-half years from the date of awarding of the contract.

A \$100,750 fire-protection project in the present college and a \$6,000 painting project have been completed.

The total is \$3,256,750.

#### 9. State Teachers College at Worcester

Preliminary plans, for which \$10,550 have been provided, for a new gymnasium-cafeteria-classroom building and renovations to the present building are currently being worked on by the architect and the Department.

In the 1956 budget is the amount of \$45,000 for plans for the above project.

The total is \$55,550.

#### 10. Massachusetts School of Art

A \$14,175 electrical-renovation project has been completed. In the 1956 budget is the amount of \$60,000 for reconstruction of the roof and repairs to the elevator.

The total is \$74,175.

In addition to the above-listed projects, there is available for fire-protection purposes the amount of \$531,000 to be used in the ten colleges, plus \$19,000, included in 1956 Capital Outlay.



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To sum up, since 1950, the amount of \$8,664,020 has been appropriated for new construction, alterations, and repairs in the State Teachers Colleges and the Massachusetts School of Art. If the money in the 1956 budget, which totals \$1,654,000 is added to that amount, the total since 1950 will be \$10,318,020, which compares very well with the five-year ten million dollar goal set in 1950.





## STATE TEACHERS COLLEGE AT BOSTON

During the academic year 1954-1955 certain modifications in the professional and cultural curriculum were introduced. The course in American history previously required in the junior year now is required in the sophomore year. The process of consolidating professional courses has continued. Several of the individual subject methods courses have been replaced by a course in the principles and methods of teaching. We are requiring seniors in the elementary curriculum to take a seminar course in elementary education and seniors in the kindergarten-primary curriculum to take a seminar course in kindergarten-primary education.

The most important curriculum change of the year concerns what is now the kindergarten-primary curriculum. The latter represents a merger of what had been historically two distinct curricula at The Teachers College of The City of Boston, the kindergarten curriculum and the primary curriculum. The merger brings State Teachers College at Boston into conformity in this respect with the other teacher training institutions operated by the Commonwealth. In so far as possible the cultural courses offered in the elementary curriculum are now offered in the new kindergarten-primary curriculum.

During the academic year under review the industrial arts curriculum was re-established and the cultural aspects of the curriculum revised to offer a richer cultural background to young men training to be teachers of the industrial arts. It is our continuing purpose to provide a practical and satisfactory balance in the industrial arts curriculum between cultural and professional offerings and the entire industrial arts curriculum is still under study with a better achievement of this end in view.

The planned expansion of our undergraduate body is still proceeding according to schedule. Our prospective undergraduate student body for 1955-1956 is as follows:

Freshman.....	330
Sophomore.....	276
Junior.....	176
Senior.....	99
Unclassified.....	10

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891

We anticipate fifty graduate students in residence, bringing our total prospective enrollment for 1955-1956 to 941 full-time students. This will represent an increased enrollment of about



# THE HISTORY OF THE UNITED STATES

The first of the great events in the history of the United States was the discovery of the continent by Christopher Columbus in 1492. This event led to the establishment of the first permanent European settlements in North America. The Spanish, French, and English all sought to establish colonies in the New World. The English, in particular, were driven by the desire for land and resources. They established the first permanent colony in Jamestown, Virginia, in 1607. This colony was the first of many that would follow, each with its own unique challenges and successes.

The second great event in the history of the United States was the American Revolution, which began in 1775. This was a war for independence from British rule. The colonists, led by men like George Washington and Thomas Jefferson, fought against the British. They won the war and established the United States as a new nation. This event was a turning point in the history of the world, as it showed that a new form of government was possible. The United States became a model for other nations seeking independence.

The third great event in the history of the United States was the Civil War, which began in 1861. This was a war between the Northern states and the Southern states. The issue at hand was slavery. The Southern states wanted to keep slavery, while the Northern states wanted to abolish it. The war was a bloody and costly conflict, but it ultimately resulted in the abolition of slavery. This event was a major step towards the creation of a more unified and just nation.

The fourth great event in the history of the United States was the Industrial Revolution, which began in the late 18th century. This was a period of rapid technological and economic change. The invention of the steam engine and the development of factories led to a massive increase in production. This event transformed the United States from a primarily agricultural nation into a major industrial power.

1. The Discovery of the Continent	1492
2. The American Revolution	1775
3. The Civil War	1861
4. The Industrial Revolution	1780s

The fifth great event in the history of the United States was the Great Depression, which began in 1929. This was a period of severe economic hardship. The stock market crashed, and millions of people lost their jobs. This event led to the implementation of New Deal policies, which aimed to provide relief to the suffering and to reform the financial system. The Great Depression was a major challenge for the United States, but it also led to significant social and economic changes.

- 2 -

200 above the 1954-1955 enrollment. Unfortunately no action has been taken on our request for thirteen additional faculty members to meet this increase. That request is still before the authorities of the Commonwealth, and the present rate of increase at this institution makes it likely that a still larger increase in faculty must be asked for the 1956-1957 academic year.

At Commencement, 1955, a total of 224 degrees were given, distributed as follows:

Bachelor of Science in Education

Students in residence.....	104
Kindergarten-Primary.....	8
Elementary Grades.....	87
Industrial Arts.....	9

Students in extension.....	32
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Total	136
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Master of Education

Students in residence.....	45
Elementary Grades.....	19
Junior High School.....	26
Students in extension.....	43

Total	88
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The growth in our enrollment has made imperative our occupancy of the north wing of the college property formerly occupied by Girls Latin School. The School's occupancy was terminated with the academic year 1954-1955. The rehabilitation of our physical plant has continued to progress. A new heating system was installed and much cleaning and painting has been done. Our next important plant addition will be the installation of a college dining hall. We hope to have this ready for use when classes resume in September.

I am happy to report that the college faculty suffered no losses through death or retirement during the academic year under review.







## STATE TEACHERS COLLEGE AT BRIDGEWATER

### Growing Pains

Bridgewater is growing and, in the process, there are the inevitable growing pains. On the opening day of the school last September we registered the largest Freshman class in our history, a total of more than two hundred and ninety students. Our complete college roster totaled seven hundred and twenty four aspirants for the profession of teaching. This statistic is most significant in that it challenges our faculty, our physical capacity, and more importantly, our academic standards. We hope that the Legislature may yet give us new teachers to take care of the increased numbers of students coming to the college.

### After The Storm

Hurricanes Carol and Edna took a heavy toll of Bridgewater's natural beauty. More than thirty trees were either wholly or partly destroyed. Stately elms which probably came to town even before the first Normal School Principal, bent and broke before the fury of the wind and rain, falling across the streets and in one case pulling to shreds the cables which carry electric current to various buildings on campus. It was a moot question as to whether we would be able to open the college year on the day appointed. The fact that we did this may be attributed in large measure to the loyalty and zeal of our maintenance staff.

### Capital Outlay - Steam Renovation

Visitors to our campus during the late fall of 1954 must have noticed the extensive excavations criss-crossing the quadrangle, looking very much as if a mammoth mole had engineered its way in all directions. These are but the outward indications of an extensive renovation of our steam system, a capital outlay undertaking which will bring added efficiency to the college and a decrease in cost of operation to the Commonwealth.

### College Within A College

The Extension Division of the college has grown to such a degree that we are today servicing almost eight hundred teachers from the surrounding cities and towns. This is a far cry from the late thirties. At that time we offered one or two courses a semester to thirty or forty faithfuls, and the same number during our summer sessions. Now our program brings professional improvement and the opportunity for graduate work to a group larger than our full-time student body.







### Changing Of The Guard

This school year marked the retirement of Miss S. Elizabeth Pope, who for forty-one years has been a member of the faculty of the college. She came first as a teacher for the Training School and was transferred to the college a few years later to take over the newly created Deanship of Women. Miss Pope has had the unusual experience of teaching and guiding the daughters of former students. This is another way of saying, I suppose, that she has taught through two complete generations of Bridgewater students. She has worked valiantly and generously, giving of her time and energy without measure to the cause of Bridgewater and the Commonwealth. She deserves well of all alumni!

Mrs. Edith Bradford Frost, for more than thirty years head of the French Department, retired in June after happy, fruitful years at the college. During the latter years she divided her time between the classroom and the library. May good fortune wait upon her during her years of relaxation.

### The Heart Of The Matter

The placement record of the Class of 1955 points up, as preceding classes have done, the steady search for well-prepared teachers that goes on, within and without the borders of our State. As of today all but four of those graduating in 1955 have been placed, and of the four, three are men who are sometimes not welcomed by superintendents because of their draft status. The fourth is a young lady, who because of a recent marriage, prefers to teach in or near her home town. We have the experience of answering calls almost daily from superintendents seeking candidates for vacancies in the school systems they represent. Incidentally, we are able to help them through our summer school. More than a dozen of our summer students have been placed as a result of visits or calls from superintendents in the district.

### "We Are Pleased To Honor--"

The fourth annual observance of Honors Day took place this year on Tuesday, June 1st. Like its predecessors, it was well received by the student body who look forward to this day and enjoy, at least vicariously, the experience of seeing our best students rewarded by prizes of one kind or another, for their academic effort. While at the beginning of this observance there were but three awards, now alumni and friends of the college have made nine such awards available for our best students. It is an activity which deserves to become a custom and in time, we hope, a tradition.



THE HISTORY OF THE

In the year 1781, the British army, under the command of General Cornwallis, was defeated by the Continental Army, under the command of General Washington, at the Battle of Red Bank. This was a significant event in the American Revolutionary War, as it marked the end of British control over the Delaware River and the surrounding region. The British were forced to evacuate the area and retreat to Philadelphia, where they were eventually captured by the Continental Army.

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Academic Asides

Miss Greta Tyson, of the Class of 1955, has accepted a Biology Fellowship at the University of New Hampshire for the next scholastic year.... Mr. Francis Bennett of the Class of 1953, who has just completed a two year fellowship at Boston College with the winning of a Master of Science degree, has accepted the offer of a Doctoral Fellowship at Pennsylvania State University for the coming academic year .... The College series of talks on the Bridgewater Purpose which began on Station WBET last year, has continued during the present year and the Station plans to continue to make time available for the College program during the coming year.





## STATE TEACHERS COLLEGE AT FITCHBURG

### Staff Changes

The current year has witnessed a normal number of staff changes at the college. Mrs. Anna Simmons and Miss Mary Barnicle retired after long periods of eminent service in the institution. Dr. Veva Dean and Miss Margaret Clancy are new members of our staff, appointed for the above replacements.

Mrs. Marion Anthony retired after many years service to the college and was replaced by Miss Bettina Asselta as a temporary supervisor. Mr. Charles Messner resigned to become Assistant Director of the Educational Division of the American Social Hygiene Association in New York City. He was replaced by Mrs. Mary Croucher who was appointed as a temporary supervisor. Mr. William Goldman was appointed as principal of the Edgerly training school to fill the vacancy caused by the retirement of Miss Louise Wingate in 1953.

Miss Isabel Bragg (permanent), Mrs. Pauline Curran (temporary), Mrs. Anna Petersen (temporary), Mrs. Irene Passios (temporary), and Miss Joanne Miller (temporary) were appointed as supervisors for the five new positions in our elementary training schools.

Mr. Eckhart Jacobsen and Mr. Daniel Healy were absent during the first semester for a sabbatical leave and were replaced by Mr. Robert Bombard and Mrs. Marion Wallace.

Dr. George Condiak accepted an invitation to return to this college as Dean of Instruction and Professor of Science. Mr. Philip McMurray became Dean of Men and Associate Professor in English.

### Industrial Arts

This department was frequently visited by superintendents of schools, directors of industrial arts and architects who were seeking help in planning shops or developing industrial arts curricula. The department gave consultant service to twenty-three communities and to a representative of UNESCO from Korea. There is a growing demand for consultant service due to the widespread high school building program.

The Industrial Arts Department sponsored its annual state convention and assisted the Massachusetts Industrial Education Society in the sponsorship of several state-wide meetings.



# THE HISTORY OF THE UNITED STATES

## CHAPTER I

The first of the United States was the original thirteen colonies. These colonies were founded by Englishmen who had come to America in search of a better life. They were the first to establish a government of their own, and they were the first to fight for their rights. They were the first to create a new nation, and they were the first to give the world a new model of government.

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## CHAPTER II

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Mr. Hammond, our director of the Industrial Arts Department spoke at two national conventions and served on three different national committee assignments.

For the past four years the majority of graduates in the Industrial Arts course have been taken in the Armed Forces. This fact, coupled with the spread of the work has created a serious teacher shortage in industrial arts. Until we have additional college staff members for this department, we will be unable to increase our enrollment of students for this type of teaching.

### Training Schools

Members of the training school department have co-operated in curriculum study sponsored by the Fitchburg School Department. Special consultant service has been rendered by the Director and Assistant Director of Training in this venture.

The Training Department was active in sponsoring a Visiting Day and book exhibit for supervisors, superintendents, principals, teachers, parents, and citizens of surrounding communities. This program was well received and may become an annual affair.

### Special Field

On June 5, 1955 the first class was graduated in the field of special education for teachers of the mentally retarded. This department has a total of twenty-seven students in the junior and senior classes. Seven scholarships were given by different associations throughout the state, four for senior students and three for junior students, specializing in this field.

### Repairs and Alterations

A needed improvement was accomplished this year with a new asphalt shingle roof on the Edgerly elementary training school. New boilers were installed in our heating plant and a change was made from coal to oil. A complete renovation of all bathrooms in Palmer Hall (men) was completed this year.







## STATE TEACHERS COLLEGE AT FRAMINGHAM

The State Teachers College at Framingham opened on September 12, 1954 with an enrollment of five hundred and eighty-one, the largest enrollment in recent years.

It has been the custom for the past few years to bring all the freshmen to our campus on the Saturday and Sunday preceding the opening of the college. An orientation program is carried on at that time during which program the incoming students are made familiar with the college traditions and procedures. Hurricane Edna which descended upon us on September 11th made necessary the cancellation of orientation plans. In spite of difficulties, such as failure of electricity, classes got underway with a minimum of delay.

The hurricanes Carol and Edna inflicted serious damage on our trees and roofs, which damage was taken care of through the emergency appropriation passed by the Legislature at the request of Governor Herter.

Work on the new auditorium which had begun on February 1, 1954 was slowed down due to continued bad weather and inability to get building materials. The work is rapidly nearing completion.

Through an agreement with the Department of Education and the Columbia Construction Company, we were able to use the new auditorium for Alumnae Day on Saturday, June 4th and for Commencement Exercises on the following day.

The class of 1955 had the privilege of being the first class to graduate in the new auditorium. On June 5, 1955, eighty-eight members of that class received their degrees.

Our college has suffered a severe loss through the resignation of May Turner who has been a member of the faculty here for twenty-two years. During the last six years she served very efficiently as Head of the Home Economics Department.

David Berger of our Art faculty has brought honor to our college through his painting ability. One of his pictures, Red Equestrian, received the jury award at the Jordan Marsh Art Exhibit. It was later shown at the Youngstown Ohio Art Exhibit where it won an additional award. It is now permanently placed in the Youngstown Art Museum.

Applications for admission to college in September are still coming in. It appears at this point that we shall have an enrollment of well over six hundred when college opens in September. This will be the largest enrollment in the long history of our college.



# THE HISTORY OF THE UNITED STATES

The first of these is the discovery of the continent by Christopher Columbus in 1492. This event marked the beginning of European settlement in North America.

The second is the establishment of the first permanent English colony at Jamestown in 1607. This colony was founded by a group of men sent by the Virginia Company to establish a permanent settlement in North America.

The third is the signing of the Declaration of Independence in 1776. This document declared the United States to be a sovereign and independent nation.

The fourth is the signing of the Constitution in 1787. This document established the framework for the federal government of the United States.

The fifth is the signing of the Emancipation Proclamation in 1863. This document declared that all slaves in the United States were to be freed.

The sixth is the signing of the Civil Rights Act in 1964. This act prohibited discrimination on the basis of race, color, religion, and sex.

The seventh is the signing of the Vietnam War in 1965. This war was fought between the United States and North Vietnam.

The eighth is the signing of the Watergate scandal in 1972. This scandal involved the President of the United States, Richard Nixon, and his administration.

The ninth is the signing of the Iran-Contra affair in 1986. This affair involved the President of the United States, Ronald Reagan, and his administration.



## STATE TEACHERS COLLEGE AT LOWELL

During the summer session July 5 to August 13, 1954 twenty-two College graduates successfully completed an Intensive Teacher Preparation Course for the Emergency Conversion of Liberal Arts majors to Elementary Education majors. The College opened the 60th year, from its foundation, with a September enrollment of 435 students, 72 men, 363 women. 350 of these students enrolled in the Elementary Education division and 85 enrolled in Music Education.

Six new people were added to the faculty. Dr. James Ryan, from Kings College, Assistant Professor in English; Dr. William Burto, from Harvard College, Instructor in English; Mr. Ignatius Ciszek, from the Chelmsford Schools, Instructor in Men's Physical Education and Coach of Men's Sports; Mr. Paul Bregor, from Boston University, Instructor in Musicology and Functional Piano; Miss Helen Coyne, Training School Teacher in Junior High Music at the Bartlett Junior High School; and Mr. William Notini, Training School Teacher in Senior High Music at the Lowell High School.

The 60th anniversary of the Founding of the College was celebrated in December, 1954. The Music Department carried on a very ambitious program during the Academic Year, featured by performances of the College Choir at the Hotel Statler as part of the Eastern Division Convention of the Music Educators National Conference; at Symphony Hall as part of the convention of the Massachusetts State Teachers College Alumni Federation; at the Lowell Auditorium where Brahms's Requiem was sung in cooperation with the Framingham Choral Society; at the Lowell Little Theatre as part of the Massachusetts Music Educators Annual Convention; at the Elementary Principals Convention in Amherst and the Superintendents' Convention in Bridgewater. The College Band was host to the New England Intercollegiate Band at Lowell. The Music Department also performed the Gilbert and Sullivan Operetta "Iolanthe" in May, 1955, and the Drama Club staged two performances of "Night Must Fall."

A sophomore, Roy Zabierek, Business Manager of the student publication "The Campus Star", was elected National President of the College Section of the Columbia Scholastic Press Association at the Spring Convention in New York.

The Men's Basketball and Baseball teams, composed principally of Freshmen and Sophomores, played their first season with a full time coach and schedule.

The most important development of the year was the construction and completion of a new Arts and Sciences Building, designed by Architect John Gray, and built by Columbia Construction Company at a total cost of \$859,000. The building contains a



On the 1st of January 1776, the Continental Congress declared the thirteen colonies to be free and independent states, united in friendship with one another, and in opposition to every power which attempted to oppress them. This declaration was a bold and daring step, and it was the first time that the colonies had ever asserted their independence of Great Britain.

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Little Theatre seating 607 people, a gymnasium for both men and women students with an accordion door, Shower and Locker Rooms for both men and women, Biological and Physical Science Laboratories, three Music Classrooms, a Scenic Workshop, ten Music Practice Cubicles, a Men's Faculty Room, a Women's Physical Education office and a First Aid Room. The new building was completed and accepted by the State on April 12, 1955, and was dedicated on Commencement Day, June 5, 1955, by the Director of the State Teachers Colleges, Patrick J. Sullivan, and Commissioner of Education, John J. Desmond, Jr.

At the Commencement 104 degrees were conferred by Mr. John W. McDevitt, of the State Board of Education, 89 in Elementary Education, 15 in Music Education.

Miss Mabel Wilson, Assistant Professor in Music Education retired in June, 1955. She will be greatly missed.





## STATE TEACHERS COLLEGE AT NORTH ADAMS

Submitted herewith is the Annual Report of the activities and conditions at North Adams for the year ending June 30, 1955.

Attendance

The total number of students enrolled in regular campus courses during the year was 154. Of this number, 78 were men and 76 were women. The distribution by classes was, as follows:

	<u>Men</u>	<u>Women</u>	<u>Total</u>
Freshmen	40	21	61
Sophomores	21	23	44
Juniors	6	12	18
Seniors	6	13	19
Specials	<u>5</u>	<u>7</u>	<u>12</u>
	78	76	154

The total enrollment was somewhat higher than the enrollment in 1953-54. The increased enrollment in both the Freshman and Sophomore classes indicates that there is a renewed interest in attending Teachers Colleges, and it is believed that in the next two years our college will have its full capacity enrollment.

Extension Program

We continue to meet the needs of teachers in service through our extension and summer courses. A total of 914 semester hours were earned by extension students on campus during the year and 151 individual teachers were in membership. This figure only includes the resident students in extension and does not include those students who are candidates for our degree who are taking University Extension courses off the campus.

Degrees Granted

The following degrees were granted:

Bachelor of Science in Education in course	18
Bachelor of Science in Education in extension	7
	<u>25</u>
Master of Education by extension	<u>13</u>
Total degrees granted	38





### Guidance Clinic

The clinic, established in 1952, under the direction of Dr. Eugene L. Freel and Dr. Harry L. Crowley, as a functioning part of the department of psychology, continues as a center for testing and remedial work for the children of the whole area. Pupils are sent by school departments and other agencies, and full reports are made in each case with recommendations. In many cases remedial reading work is done at the college. Over 600 cases have been handled by the clinic since its inception.

### Faculty

There was one addition to the faculty. Miss Nila R. Haresign was appointed as Instructor of Physical Education for Women, succeeding Miss Beth A. Weston, who had resigned. Dr. Eugene L. Freel, Professor of Psychology and Philosophy at the College was named Acting-President on January 1, 1955, to succeed Dr. Grover C. Bowman, who retired, and Dr. Freel was named President of the College on January 25, 1955. The formal inauguration ceremony was held on May 6, 1955 at the College. Mr. Wallace H. Venable, Associate Professor of Biology, was absent on sabbatical leave for the first semester. He prepared a survey of a course in biology to be used in general education. Mr. Andrew S. Flagg, Associate Professor of Art and Dean, was absent on sabbatical leave for the second semester. He spent his leave visiting and studying art and art education in Europe.

The ratio of faculty to students is below that required for accreditation, permitting more individual attention possible with small classes.

### Building Maintenance and Equipment

The buildings and the plant are in fairly good repair. The expenditure of some \$186,000. was made for repairs and modernizing of the dormitory and for certain new lighting and other additions in the main building. This work is half completed and will continue throughout the summer. Plans are also being considered at this time for either a new oil-heating furnace or substantial repairs to the old heating system which is out-moded and in an unsafe condition. Prevention of fire hazard was furthered by the ordering of necessary equipment and by the installation of new fire-escapes on the dormitory.



CHAPTER IV

The history of the city of New York is a story of growth and change. From a small fishing village on the Hudson River, it has become one of the most important cities in the world. The city's location on the water was its first advantage, and it has always been a center of commerce and industry. The city's growth has been rapid, and it has always been a leader in many fields. The city's history is a story of the people who have lived here, and the things they have done. It is a story of the city's past, and its future.

CHAPTER V

The city of New York is a city of many faces. It is a city of contrasts, and it is a city of opportunity. The city is a place where people from all over the world come to live and work. The city is a place where people can find everything they need, and it is a place where people can make their dreams come true. The city is a place where people can find love, and it is a place where people can find happiness. The city is a place where people can find everything they need, and it is a place where people can make their dreams come true. The city is a place where people can find love, and it is a place where people can find happiness.

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### Accreditation

The College is fully accredited, both as a college and as a professional school for the preparation of teachers.

### Conclusion

The College, in equipment and faculty, can fully meet the standards required for training teachers, and is so recognized. With increased enrollment, North Adams will be able to serve the Commonwealth and its schools still more effectively. There are plans for the near future to expand the curriculum still further to meet community needs in other areas.



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## STATE TEACHERS COLLEGE AT SALEM

Student Body and Faculty

For the year 1954-55 the student body numbered 636--225 men and 411 women. This number represents the largest enrollment in the history of the college.

Six new faculty members were introduced by the college president. They are Mr. Michel J. Antone in mathematics, Mr. Francis E. Callan in the library, Mr. Thomas I. Ryan in biology, Mr. Paul V. Salley in geography, Dr. Saul B. Podolsky in music (temporary substitute during the sabbatical leave of Timothy F. Clifford), and Mr. Anthony P. Winfisky in art.

Renovations and Additions

To help cope with the large enrollment, the following repairs and renovations were put into effect: An additional student recreation room was made from a portion of a locker room; the parking area was completely hot-topped and lined; the gymnasium was painted and new plywood walls installed, allowing a greater use of this facility; the biology department was enlarged and repainted; the installation of new science laboratories was initiated.

Graduate Program

On September 23 the college president announced the offering of a graduate program leading to the degree of Master of Education. This program is offered in co-operation with the State Teachers College at Boston.

Centennial Celebration

On October 5 commemoration of the actual centennial of Salem Normal School and Salem Teachers College was observed as a family celebration to reflect upon the history of the college. President-Emeritus Edward A. Sullivan, President Frederick A. Meier, and Mr. Charles F. Kiefer spoke to the student body, faculty, and guests. Mr. James O. Walsh, President of the Student Council, presented a birthday cake and a toast to Salem's future.



## LETTER TO THE EDITOR

Dear Sir: I have the honor to acknowledge the receipt of your letter of the 10th inst. regarding the matter of the American Medical Association's position on the subject of the use of the word "physician" in the title of the diploma of the American Medical Association.

The American Medical Association has always been very careful to maintain the highest standards of its members and to ensure that the title of "physician" is used only by those who are properly qualified. It is the policy of the Association to require that all members who wish to use the title of "physician" must first obtain a diploma from the Association, which is only granted to those who have met the necessary requirements. This policy is designed to protect the public and to ensure that the title of "physician" is used only by those who are properly qualified.

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### Alumni Letter

The first President's Letter to the Alumni was sent on December 17. More than two thousand copies were sent to active alumni. This letter dealt with increased enrollment, faculty changes, future building plans, and the renovations to the present plant.

### College Assembly

On January 4, Dr. Thomas Davis, author of the current best seller, "Doctor to the Island", spoke at the all-college assembly. Dr. Davis was followed by Mr. Erwin D. Canham, Editor of the Christian Science Monitor at the next all-college assembly.

### North Shore Superintendents

On February 2 the North Shore Superintendents met at the college for their annual conference. Superintendent Douglas Chandler presided. The group was welcomed to the college by the President.

### Log Delegates

Delegates from the college student publication, "The Log", attended the Columbia Scholastic Press Conference in New York City on March 10, 11, and 12. "The Log" took second place honors among the publications represented.

### College Visited by Future Students

On March 23 an Open House program was held at the college. More than 250 representatives from 35 high schools visited classes, heard prominent educators speak, and had an opportunity to take part in some college activities.

### Faculty Members Speak at National Conventions

Mr. Bruce F. Jeffery, Chairman of the Business Education Department, spoke at the convention of the National Association of Business-Teacher-Training Institutions in Chicago on February 24. Miss Mildred B. Stone, Chairman of the Mathematics Department, spoke at a conference of the National Council of Mathematics Teachers held in Boston on April 14.





### Basketball Champions

The Men's Basketball Team coached by Mr. Lawrence T. Lowrey of the faculty annexed the New England Teachers College Championship for the second year in succession.

### Freshman Reception

On April 24 the college freshmen entertained their parents, faculty, and friends at a reception and tea. Entertainment and refreshments were enjoyed at Chapel Hall.

### Retirement of Faculty Member

Miss Verna B. Flanders, teacher of geography at the college for thirty-eight years, retired from her duties as of June 30.

### Class Day, Alumni Day, Baccalaureate and Graduation

On June 1, Dr. Mary A. O'Rourke, Senior Elementary Supervisor for the Massachusetts Department of Education and an alumna of Salem, was featured speaker for the Senior Luncheon on Class Day. A portrait of President-Emeritus Sullivan was presented as the senior class gift to the college president. The portrait now hangs in the college library.

On June 5 the Baccalaureate address was given by Reverend Donald H. Allen of the Grace Episcopal Church, Salem. At Graduation held in Chapel Hall, Dr. Harold Gores, Superintendent of Schools, Newton, delivered the principal address. In the absence of Dr. Alexander Brin of the Board of Education, the college president presented degrees to one hundred six candidates.

### Conclusion

The college population is looking forward to the wonderful improvement to the college which will come when the new gymnasium, auditorium, library, and office wing are constructed. While material things alone do not insure success, we feel certain that these necessary additions will aid our program of education in meeting the pressing need for public school teachers in the Commonwealth.



THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

RESEARCH REPORT  
ON THE CHEMISTRY OF THE  
ATMOSPHERE

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## STATE TEACHERS COLLEGE AT WESTFIELD

The scholastic year 1954-1955 was one of great historic significance in the life of the State Teachers College at Westfield. Originally opened in Barre in 1839 it was moved to Westfield in 1844, relocated in a new building in 1846, and again relocated on the present site in 1892. October 13, 1954 saw the beginning of the third relocation when Governor Christian A. Herter officially broke ground for a new plant in beautiful Juniper Park on upper Western Avenue in the presence of many dignitaries. The exercises in conjunction with this ceremony were in charge of the Board of Education with Dr. William E. Park, Chairman of the Board of Education presiding, assisted by Dr. John J. Desmond, Jr., Commissioner of Education. Other speakers included Mayor Alice D. Burke who represented the City of Westfield, President Edward J. Scanlon of the College, and Mrs. Helen O. Cowing, President of the Westfield State Teachers College Alumni Association. Others present were Representative Anthony J. PARENZO, Senator Ralph Lerche, Governor's Councilor Bruce Crane, Congressman John W. Heselton, Former Mayor of Westfield, Richard E. Fuller, Mrs. Julia M. Fuller of the State Board of Education, and Dr. Patrick J. Sullivan, Director of the Division of State Teachers Colleges. As of this date, the new college is about 60% completed.

Also in September the Westfield State Teachers College Extension program was started under the auspices of the State Board of Education. Dr. Barbara Corridan Hemond was appointed Director. Two courses were offered in the Fall and three courses in the Spring.

In November a "Curriculum Conference for Elementary and Secondary School Teachers" was held under the direction of Dr. Mary A. O'Rourke, Senior Supervisor of Elementary Education in the State Department of Education.

A Chapter of "Future Teachers of America", an affiliate of the National Education Association was formed.

Two gifts were received by the library. A valuable Lincoln collection was presented by Herbert R. Thorpe, President of the Sterling Press, and a check for \$300. was given by the Senior class.

Under Chapter 383 of the Acts of 1955, the State Legislature voted to name the new administration building "The Anthony J. PARENZO Administration Building" in recognition of the part played by him in securing the passage of the bill for the new college.

The City of Westfield notified the State Board of Education that it was interested in obtaining possession of the present college land and buildings.



# THE HISTORY OF THE UNITED STATES

The history of the United States is a story of growth and development. It begins with the first settlers who came to the continent in search of a new home. These settlers were faced with many challenges, including a harsh climate and a lack of resources. Despite these difficulties, they persevered and built a new society. Over time, the United States grew from a small colony into a powerful nation. This growth was driven by a combination of factors, including a strong sense of national identity, a commitment to democratic principles, and a desire for economic independence. The United States has since become a global superpower, with a significant influence on the world stage. Its history is a testament to the power of human ingenuity and the ability of a nation to overcome adversity.

The United States has a rich and diverse cultural heritage. It is a melting pot of different peoples and traditions, each contributing to the nation's unique identity. This diversity is one of the strengths of the United States, as it allows for a wide range of perspectives and ideas. The country's history is also marked by a series of important events, including the American Revolution, the Civil War, and the Great Depression. These events have shaped the nation's development and continue to influence its present and future.

The United States is a country of great opportunity. It is a land where dreams can come true and where everyone has the chance to succeed. This is due to a number of factors, including a strong economy, a highly educated workforce, and a commitment to innovation and progress. The United States has also been a leader in many fields, including science, technology, and the arts. Its history is a story of achievement and progress, and it continues to inspire people around the world.

The United States is a country of great beauty. It has a diverse landscape, with stunning natural scenery and a rich cultural heritage. From the majestic mountains of the West to the beautiful beaches of the East, the United States offers something for everyone. Its history is a story of exploration and discovery, and it continues to inspire people to explore the world and its many wonders.

The United States is a country of great freedom. It is a land where everyone has the right to live as they see fit, without interference from the government. This freedom is one of the most important values of the United States, and it is a source of pride for its citizens. The country's history is a story of the struggle for freedom and the triumph of the human spirit. It is a story that continues to inspire people around the world.

The United States is a country of great hope. It is a land where the future is bright and where everyone has the chance to make a difference. This hope is based on a number of factors, including a strong economy, a highly educated workforce, and a commitment to progress and innovation. The United States has a long history of leadership and achievement, and it continues to inspire people to strive for a better future.

The United States is a country of great love. It is a land where everyone is welcome and where everyone has a place. This love is based on a number of factors, including a strong sense of national identity, a commitment to democratic principles, and a desire for economic independence. The United States has a rich and diverse cultural heritage, and it continues to inspire people around the world.

- 2 -

The Triennial meeting of the Westfield State Teachers College Alumni Association was held in May 1955. Mrs. Helen O. Gowing was reelected president. It was voted to establish a scholarship fund in the memory of the late Representative, Anthony J. Parenzo.

Miss Julia M. Lucia, a member of the College Training School faculty, established two scholarships of \$50. each to be awarded annually, one to a member of the graduating class of St. Mary's High School and one to a member of the graduating class of Westfield High School.

Mr. William E. Farrington was appointed to the Art Department, and Miss Viola E. Bettinger retired as a member of the College Training School faculty.



The first part of the report is devoted to a description of the work done during the year. It is divided into two main sections: the first section deals with the work done in the laboratory, and the second section deals with the work done in the field.

The first section of the report describes the work done in the laboratory. It is divided into two main parts: the first part describes the work done in the laboratory, and the second part describes the work done in the field.

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## STATE TEACHERS COLLEGE AT WORCESTER

The Worcester State Teachers College in collaboration with the Division of Building Construction made a preliminary study and cost analysis for a new gymnasium and library building and alterations to the existing administration building. Isidore Richmond and Carney Goldberg were named as architects. The new building and alterations to the existing building were planned for a future enrollment of one thousand students.

The new building will house a library with a capacity of fifty thousand volumes and a combination gymnasium for men and women with seating arrangements for five hundred people. Four new classrooms and a central heating plant were included in the plans. The cafeteria was planned so that three hundred and thirty individuals can be served at one time.

The present gymnasium will be divided into eight classrooms. The Art Department will be moved to the site of our present library. Further plans were made to enlarge the size of our present biology laboratory, to establish a physics laboratory in the present cafeteria, and change the existing shower and locker room into a chemistry laboratory.

One hundred and seventy-seven freshmen were admitted to the September, 1954 class. This represents an increase of thirty-five freshmen over the enrollment of the previous year. The total enrollment which increased thirty-five students last year increased thirty-five more students this year, bringing the enrollment up to four hundred and seventy-seven students.

It has been the custom at the Worcester State Teachers College for the Alumni to furnish oil portraits of former presidents of the college. This year the Alumni presented the school with an oil portrait of Clinton E. Carpenter, president of the Worcester State Teachers College from 1940 to 1946. The portrait has been hung in the main corridor.

The guest of honor for the Annual Scholarship Tea was Mr. Philip M. Morgan, a well-known philanthropist and industrialist of Worcester. The affair followed a pattern similar to that of previous Scholarship Teas and was well attended. The event helps to finance several scholarships for the college.

Miss Marguerite McKelligett of the faculty was on sabbatical leave for the first half year. She spent her time studying at the Sorbonne in Paris, France. Miss Rita Couture of Central Falls, Rhode Island substituted for Miss McKelligett during her absence. At the beginning of the year Dr. Marvin D. Bernstein was appointed to a new position as instructor of social studies.



The first of these was the discovery of gold in California in 1848. This discovery led to a great influx of people to California, and the state became one of the most populous in the Union. The second was the discovery of gold in Nevada in 1859. This discovery led to a great influx of people to Nevada, and the state became one of the most populous in the Union. The third was the discovery of gold in Colorado in 1858. This discovery led to a great influx of people to Colorado, and the state became one of the most populous in the Union.

The fourth was the discovery of gold in Idaho in 1860. This discovery led to a great influx of people to Idaho, and the state became one of the most populous in the Union. The fifth was the discovery of gold in Montana in 1862. This discovery led to a great influx of people to Montana, and the state became one of the most populous in the Union. The sixth was the discovery of gold in Wyoming in 1869. This discovery led to a great influx of people to Wyoming, and the state became one of the most populous in the Union.

The seventh was the discovery of gold in Utah in 1863. This discovery led to a great influx of people to Utah, and the state became one of the most populous in the Union. The eighth was the discovery of gold in Arizona in 1863. This discovery led to a great influx of people to Arizona, and the state became one of the most populous in the Union. The ninth was the discovery of gold in New Mexico in 1861. This discovery led to a great influx of people to New Mexico, and the state became one of the most populous in the Union.

The tenth was the discovery of gold in Texas in 1845. This discovery led to a great influx of people to Texas, and the state became one of the most populous in the Union. The eleventh was the discovery of gold in Louisiana in 1842. This discovery led to a great influx of people to Louisiana, and the state became one of the most populous in the Union. The twelfth was the discovery of gold in Mississippi in 1842. This discovery led to a great influx of people to Mississippi, and the state became one of the most populous in the Union.

The thirteenth was the discovery of gold in Alabama in 1842. This discovery led to a great influx of people to Alabama, and the state became one of the most populous in the Union. The fourteenth was the discovery of gold in Georgia in 1842. This discovery led to a great influx of people to Georgia, and the state became one of the most populous in the Union. The fifteenth was the discovery of gold in Florida in 1842. This discovery led to a great influx of people to Florida, and the state became one of the most populous in the Union.

The sixteenth was the discovery of gold in South Carolina in 1842. This discovery led to a great influx of people to South Carolina, and the state became one of the most populous in the Union. The seventeenth was the discovery of gold in North Carolina in 1842. This discovery led to a great influx of people to North Carolina, and the state became one of the most populous in the Union. The eighteenth was the discovery of gold in Virginia in 1842. This discovery led to a great influx of people to Virginia, and the state became one of the most populous in the Union.

The nineteenth was the discovery of gold in West Virginia in 1842. This discovery led to a great influx of people to West Virginia, and the state became one of the most populous in the Union. The twentieth was the discovery of gold in Maryland in 1842. This discovery led to a great influx of people to Maryland, and the state became one of the most populous in the Union. The twenty-first was the discovery of gold in Delaware in 1842. This discovery led to a great influx of people to Delaware, and the state became one of the most populous in the Union.

The Worcester State Teachers College continued its policy of operating educational conferences. On December 3, 1954, an all-day conference was offered on the subject "Science In and Out of the Classroom." On April 1, 1955, an all-day conference was held for the principals and guidance directors of Worcester County on the subject "Discovering and Meeting the Individual Needs of Youth." A general meeting was held in the auditorium in the morning and individual workshops took place in the afternoon in both conferences. Miss Ruth V. Somers, Educational Field Service Agent, was chairman and organizer of these conferences.

The usual college social events which were held were the sophomore, junior, and senior proms. The Dramatic Club play and the Glee Club concert which were well attended by the public were given very favorable notices in the local press.

Faculty members and the president spoke at many conventions, institutes, and gatherings of an educational nature. Dr. Elizabeth V. Foster spoke at the Auburn and Paxton Parent-Teacher Association meetings. Miss Marguerite McKelligett appeared on the radio twice telling of her studies at the Sorbonne in Paris, France. Miss Rita Couture represented the Worcester State Teachers College at various symposia and panels of the fiftieth anniversary of the founding of Assumption College.

President Eugene A. Sullivan was chairman of the annual conference of the Eastern States Association of Professional Schools for Teachers in New York as president of that association. He was made president of the Worcester Committee on Alcoholism. He was chairman of one of the four symposia operated by Assumption College in honor of their fiftieth anniversary. He was elected commander of Post 5 of the American Legion and conducted the American Legion Oratorical Contest for Worcester County.



The Commission on the Status of Women, established in 1946, was the first of its kind. It was created by the Economic and Social Council of the United Nations to promote gender equality and to coordinate the work of the various organizations concerned with the status of women. The Commission has since held numerous sessions, each with a specific theme, and has produced a wealth of reports and recommendations. Its work has been instrumental in the development of international law and policy on women's rights, and it continues to be a leading authority on the subject.

The Commission's work has been particularly significant in the area of women's participation in decision-making. It has urged governments to ensure that women are represented in all levels of government, from local to national, and to provide them with the necessary resources and support to do so effectively. This has led to the adoption of many laws and policies that promote women's political participation, and it remains a key area of focus for the Commission.

In addition to its work on women's participation, the Commission has also been active in promoting women's economic and social advancement. It has urged governments to create more opportunities for women in the workforce, to provide them with access to credit and financial services, and to ensure that they are paid fairly for their work. It has also been instrumental in the development of international standards for women's employment, and it continues to monitor and report on the progress of these standards.

The Commission's work has been recognized by the United Nations and by many other international organizations. It has received numerous awards and honors, and its reports and recommendations have been widely cited. Its work has been instrumental in the development of international law and policy on women's rights, and it continues to be a leading authority on the subject. The Commission's work is a testament to the power of international cooperation in promoting gender equality and women's rights.



## MASSACHUSETTS SCHOOL OF ART

After three years of special study by departmental committees, individual instructors and the administrative officers, application for accreditation was made to the New England Association of Colleges and Secondary Schools. On November 8, 1954, a committee consisting of representatives from the New England Association of Colleges and Secondary Schools and the National Association of Schools of Design visited Massachusetts School of Art for the purposes of evaluation. On December 3, 1954, this institution was voted membership in the New England Association of Colleges and Secondary Schools and was reapproved by the National Association of Schools of Design. As a result of this accreditation and upon presentation of additional information, Massachusetts School of Art was voted membership in the American Council on Education.

The Freshman class as of September numbered 132. The total enrollment as of September was 417.

Mr. Carl Gibson, Jr. was appointed as Senior Supervisor in Education to replace Mr. Frank Allen who retired as of August 31, 1954. Mr. Gibson's unusual background in production and industrial design qualifies him to aid in the development of the product design department at the school. Under Mr. Gibson's direction, a new, fully equipped wood and metal shop was opened for student use on November 1, 1955. This addition has stimulated the production of many fine designs and models during the past year.

In conjunction with the Vocational Division of the Department of Education, and in an effort to stimulate better design within the industries of the Commonwealth, a series of Design lectures were held evenings at the school during March and April.

Special high school art classes were again offered to the students of Greater Boston. Approximately 230 students attended the 15 sessions. A final exhibition was held for the parents and public with an attendance of over 600 persons.

As in past years, the school continued to provide art and design services for the Comptroller's Bureau, the Department of Education, the Office of Federal Civil Defense Administration, the Department of Public Health, and several civic and community organizations.



# THE HISTORY OF THE UNITED STATES

The history of the United States is a story of a people who have grown from a small colony of English settlers to a great nation. The story begins in 1492 when Christopher Columbus discovered the New World. The first English settlers came to the United States in 1607, and they founded the first permanent English colony in Jamestown, Virginia. The Pilgrims came to the United States in 1620, and they founded the first permanent English colony in Plymouth, Massachusetts. The United States grew from a small colony to a great nation. The United States has a long and rich history, and it is a country that has made many contributions to the world.

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At the Commencement exercises on June 12, the degree of Bachelor of Science in Education was conferred on 28 graduates and the degree of Bachelor of Fine Arts on 61 graduates.

The annual exhibition was open to the public from June 12 through June 16. Approximately 900 individuals attended the display of student work.





# ANNUAL REPORT

## OFFICE OF AMERICAN CITIZENSHIP

1955 - PART I

Chapter 693 of the Acts of 1951 charges this office in the Department of Education with "responsibility for leadership in the co-operative study and fuller use, in the public schools and teachers colleges of the Commonwealth, of teaching materials and methods, student activities, and administrative and supervisory procedures directed toward more effective preparation for the duties of citizenship."

As indicated in our annual report of 1954, this office has adopted the service concept in its relationships with the schools and state teachers colleges. Accordingly, in every situation where school systems, state teachers colleges, and other agencies interested in citizenship training in these institutions have requested advice and assistance, we have provided these services. Additionally, as summarized below, several programs stressing teaching the duties of citizenship have originated in this office and, in turn, have been very favorably received by the schools and others.

### SUMMARY

#### I. PROGRAMS FOR PUPILS

##### A. Twenty-four Assembly Talks to Secondary School Students

1. "Citizenship in Action" Citation assemblies in conjunction with Citizenship Committee of Massachusetts Secondary School Principals Association

Gardner High School	Braintree High School
Dartmouth High School	North Adams (Drury High)
Boston Latin School	Millbury High School
Fitchburg High School	St. Ann's High School
Middleboro High School	(Gloucester)
Roxbury Memorial High (for Girls)	Springfield Classical High
Randolph High School	Mission High School, Roxbury

##### 2. Other Engagements

Punchard High School (Andover), October 20, 1954. Service Club.  
Ipswich High School, November 9, 1954.  
Millis High School, November 10, 1954. American Legion Boys State Assembly.  
Sutton High School, November 16, 1954. Worcester County Student Council Convention.  
Bartlett High School, Webster, December 10, 1954. National Honor Society Assembly.

Sharon High School, February 4, 1955



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Quincy High School, June 1, 1955. New England Economic Education Council panel discussion.

Newburyport High School, June 14, 1955. Graduation Speaker.

Ayer High School, June 15, 1955. Graduation Speaker.

Bridgewater State Teachers College, June 18, 1955. American Legion Auxiliary Girls State. Speaker.

University of Massachusetts, June 30, 1955. American Legion Boys State. Speaker.

#### B. Student Government Exchange Program for 1955

Note: This program (described in printed brochure which is available on request) provided an intensely interesting approach to the study of local government through the pairing of student teams from eighty-one (81) city and town high schools. (One city high school was host to two town "Exchange" teams.)

In addition to the organization and general direction of the program, the Director of American Citizenship attended special observances and addressed students of the following participating schools:

March 7 - At Boston: Hyde Park High School - Belmont High School  
Boston Latin School - Watertown High School  
Jamaica Plain High School - Randolph High School  
Roxbury Memorial High for Boys - Canton High School

March 7 - At Stoughton: Stoughton High School - Charlestown High School

March 14 - At Boston: J. E. Burke High School - Wakefield High School  
Charlestown High School - Stoughton High School  
Roxbury Memorial for Girls - Rockland High School  
Boston Girls' Trade - Weymouth High School

March 21 - At Quincy: North Quincy High School - Norton High School  
(WJDA broadcast) Quincy High School - Wrentham High School - Sharon High School

March 25 - At Worcester: Worcester South High School - Framingham High School  
St. Stephen's High School - Clinton High School  
Ascension High School - Milford High School  
Worcester North High School - Shrewsbury High School



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Worcester Classical High School -  
 Webster High School  
 Worcester Commerce High School -  
 Westboro High School

### C. Student Government Day

Eight "Visiting Days" were held at the State House for Student Government Day delegates as follows:

Jan. 11	-	Counties	-	Berkshire, Franklin, Hampden, Hampshire
" 18	-	"	-	Worcester
" 25	-	"	-	Barnstable, Bristol, Dukes, Nantucket, Plymouth
Feb. 1	-	"	-	Norfolk
" 8	-	"	-	Essex
" 15	-	"	-	Suffolk
" 23	-	"	-	Middlesex A
March 1	-	"	-	Middlesex B

Student Government Day was held at the State House on Friday, March 11, 1955.

On Saturday, March 12, 1955, four student delegates, the Lt. Governor, and the Director of American Citizenship appeared on WNAC-TV in a review of the March 11 program.

## II.

### TEACHER TRAINING

#### A. Extension Courses for teachers-in-service

1. "Education for Citizenship" course at Boston State Teachers College, started Sept. 20, 1954.
2. "Education for Citizenship" course at Everett Public Schools, started Sept. 30, 1954.
3. "Education for Citizenship" course at Worcester State Teachers College, started Sept. 30, 1954.
4. "Institute on Youth Problems" for Greater Haverhill teachers, started Sept. 14, 1954.
5. "Institute on Youth Problems" for Somerville teachers, started Sept. 29, 1954.
6. "Workshop in Adult Civic Education" at Boston State Teachers College, started Sept. 29, 1954.
7. "Education for Citizenship" course for Salem teachers at Saltonstall Junior High School, Salem, started Feb. 1, 1955.
8. "Education for Citizenship" course for Cambridge teachers at Rindge Technical High School, started Feb. 3, 1955.
9. "Education for Citizenship" course at Bridgewater State Teachers College, started Feb. 1, 1955.
10. "Institute on Youth Problems" for Worcester teachers at Worcester State Teachers College, started Feb. 2, 1955.







11. "Institute on Youth Problems" at Boston State Teachers College, started Jan. 27, 1955.
12. "Workshop in Adult Civic Education" at Boston State Teachers College, started Feb. 2, 1955.

#### B. Courses for Undergraduates in State Teachers Colleges

1. "Education for Citizenship" course at Boston State Teachers College, started Sept., 1954.
2. "Education for Citizenship" course at Bridgewater State Teachers College, started Sept., 1954.
3. "Education for Citizenship" course at Salem State Teachers College, started Sept., 1954.
4. "Education for Citizenship" course at Framingham State Teachers College, started Sept., 1954.
5. "Education for Citizenship" course at Westfield State Teachers College, started Sept., 1954.
6. "Education for Citizenship" course at Boston State Teachers College, started Feb., 1955.
7. "Education for Citizenship" course at Salem State Teachers College, started Feb., 1955.
8. "Education for Citizenship" course at Framingham State Teachers College, started Feb., 1955.

#### C. Vocational Education

1. Conducted panel on "Civic Education in Massachusetts Vocational High Schools" at Fitchburg State Teachers College, July 1, 1954.

#### D. Economic Education

As President of the New England Economic Education Council, the Director of American Citizenship has:

1. Cooperated in the conduct of Economic Education Workshops at Milford, Quincy, and Milton.
2. Participated in the planning of the N.E. Economic Education Council's winter conference held at Northeastern University, Dec. 11, 1954.
3. Cooperated in setting up and conduct of "Workshop in Economic Education" held at Andover from June 28, 1954 - July 16, 1954, including presiding at meetings on June 28th and July 15th. Also cooperated in arrangements for 1955 Workshop.
4. Conducted meetings of NEEEC at the B.U. Faculty Club on Nov. 16, Jan. 12, Jan. 24, March 3, May 13, May 31, June 27.

#### E. Massachusetts School-Community Service Committee

1. This Office, working with the United Community Services and other leading social welfare organizations, has laid the ground work for the development of the Massachusetts School-Community Service Committee which will focus primarily this year on the



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writing of a resource unit on educating for social responsibility. A luncheon and planning meeting for this purpose was held September 29, 1954, at the Mason Building. Other planning meetings were held with U.C.S. officials on July 16, 30; August 30; Sept. 23, 28; October 15; Dec. 20; Jan. 17.

#### F. Adult Civic Education

1. In addition to organizing the "Workshop in Adult Civic Education" described above, this Office assisted in planning and conducting the Annual Fall Conference of Supervisors and Teachers which was held at the Harvard Faculty Club in Cambridge, Thursday, November 4, 1954.
2. The highlight of the year has been the organizing of the Massachusetts Adult Civic Education Pilgrimage to Washington, D. C., which took place on the weekend of March 18 - 20, 1955. One hundred ninety-six (196) students, teachers, and others made this significant guided tour of the Nation's capital.
3. Lecture to "Workshop in Adult Civic Education", Feb. 2, 1955, at Boston State Teachers College.
4. Speaker, Springfield Adult Civic Education graduation, March 8, 1955.
5. Speaker, West Springfield Adult Civic Education graduation, March 16, 1955.
6. Speaker, Lynn Adult Civic Education graduation, April 14, 1955.
7. Speaker, Arlington Adult Civic Education graduation, April 15, 1955.
8. Speaker, Fall River Adult Civic Education "American Night", May 17, 1955.
9. Conference leader, Massachusetts Teachers of Adults Association conference, June 12, 1955.
10. Speaker, Fall River Adult Civic Education graduation, June 16, 1955.

#### Significant Data - Adult Civic Education Program 1954-1955

Number of cities and towns holding classes	66
Number of classes	324
Total enrollment	7,191
Number of supervisors and teachers	282
Amount of state reimbursement	\$97,000 +



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G. Principal Speaking Engagements and Panel Participation at Major Educational Conferences

1. August 19 - Conference with Massachusetts Bar Association Citizenship Committee re high school assembly program plans.
2. Sept. 15, 16, 17 - Participation in National Conference on Citizenship, Hotel Statler, Washington, D. C.
3. Oct. 3, 4, 5 - Participation in "October Conference for the Exchange of Educational Opinion", Crawford Notch, N. H.
4. Oct. 6 - Presided at planning meeting of N.E. Economic Education Council re annual conference to be held at Northeastern University, Dec. 11.
5. Oct. 11, 12 - N.E. Superintendents' Conference at Swampscott.
6. Oct. 13 - Greater Boston Council for Youth Meeting re plans for prevention of delinquency.
7. Oct. 16 - Massachusetts Schoolmasters' Club, University Club, Boston.
8. Oct. 16 - Meeting of Massachusetts Parent-Teachers Congress at Swampscott. Elected chairman of Citizenship Education committee for 1955.
9. Oct. 19 - Boston Park Department luncheon honoring outstanding "Citizens of the Playgrounds" at Museum of Science. Co-operated in establishing criteria for selection.
10. Oct. 26 - Committee on the Foreign Born, Division of Immigration and Naturalization, Boston.
11. Oct. 26 - Lowell Police Department Juvenile Bureau.
12. Nov. 11, 12, 1954 - Participant in meetings of Joint Council on Economic Education at Arden House, New York. Member of Board of Directors.
13. Nov. 15, 1954 - Visitation to Lynn Adult Civic Education program.
14. Nov. 16, 1954 - Lecture to Salem "Education for Citizenship" course for undergraduates.
15. Nov. 22, 1954 - Consultant and panel speaker at Annual Teachers' Workshop Conference, Moultonboro, New Hampshire. Topic: "Moral and Spiritual Values in Education."
16. Dec. 2, 1954 - Curriculum conferences at Arlington Vocational High School.
17. Dec. 15, 1954 - Conference with Salem Public Schools Professional Improvement Committee.
18. Jan. 12, 1955 - Lecture to Everett "Education for Citizenship" course.
19. Jan. 13, 1955 - Meeting of Education Committee of National Conference of Christians and Jews.
20. Jan. 17, 1955 - Meeting with Massachusetts Commission Against Discrimination re teaching unit on "Discrimination - Danger to Democracy."



# THE HISTORY OF THE UNITED STATES OF AMERICA

1. The first part of the history of the United States is the period of discovery and exploration. It begins with the arrival of Christopher Columbus in 1492 and continues to the end of the 18th century. This period is characterized by the discovery of new lands, the establishment of colonies, and the growth of the American people.
2. The second part of the history is the period of the American Revolution. It begins with the outbreak of the war in 1775 and ends with the signing of the Constitution in 1787. This period is marked by the struggle for independence from Great Britain and the establishment of a new government.
3. The third part of the history is the period of the early republic. It begins with the signing of the Constitution in 1787 and continues to the end of the 18th century. This period is characterized by the development of the American people and the growth of the nation.
4. The fourth part of the history is the period of the American Civil War. It begins with the outbreak of the war in 1861 and ends with the signing of the Emancipation Proclamation in 1863. This period is marked by the struggle for freedom and the establishment of a new government.
5. The fifth part of the history is the period of the American Civil War. It begins with the outbreak of the war in 1861 and ends with the signing of the Emancipation Proclamation in 1863. This period is marked by the struggle for freedom and the establishment of a new government.
6. The sixth part of the history is the period of the American Civil War. It begins with the outbreak of the war in 1861 and ends with the signing of the Emancipation Proclamation in 1863. This period is marked by the struggle for freedom and the establishment of a new government.
7. The seventh part of the history is the period of the American Civil War. It begins with the outbreak of the war in 1861 and ends with the signing of the Emancipation Proclamation in 1863. This period is marked by the struggle for freedom and the establishment of a new government.
8. The eighth part of the history is the period of the American Civil War. It begins with the outbreak of the war in 1861 and ends with the signing of the Emancipation Proclamation in 1863. This period is marked by the struggle for freedom and the establishment of a new government.
9. The ninth part of the history is the period of the American Civil War. It begins with the outbreak of the war in 1861 and ends with the signing of the Emancipation Proclamation in 1863. This period is marked by the struggle for freedom and the establishment of a new government.
10. The tenth part of the history is the period of the American Civil War. It begins with the outbreak of the war in 1861 and ends with the signing of the Emancipation Proclamation in 1863. This period is marked by the struggle for freedom and the establishment of a new government.



21. Jan. 22, 1955 - "Student Government Exchange" conference for faculty advisers at Department of Education.
22. Jan. 23, 1955 - Guided tour of Industrial School for Boys, Shirley, by Somerville teachers attending "Institute on Youth Problems."
23. Feb. 3, 1955 - Lecture to "Education for Citizenship" course for undergraduates at Boston State Teachers College.
24. Feb. 9, 1955 - Lecture to faculty of Worcester State Teachers College on topic, "Educating for Citizenship".
25. Feb. 16, 1955 - Guest speaker, conference of Worcester Public School teachers, Chandler Street Junior High School.
26. Feb. 17, 1955 - Visitation to Fall River Adult Civic Education program.
27. Arrangements for District Attorney George Thompson's "Trial by Jury" program at Boston State Teachers College, March 29, 1955.
28. April 1, 1955 - Greater Boston Council for Youth meeting.
29. April 5, 1955 - Massachusetts Bar Association "Heritage Committee".
30. April 14, 1955 - Principal speaker - N.E. Community Chests and Councils Conference, Providence, Rhode Island.
31. April 21, 1955 - Speaker, Business Meeting of Massachusetts Secondary School Principals Association at Framingham.
32. April 25, 1955 - Speaker, Greater Boston Council for Youth Conference on theme, "What the Schools Can Do in the Fight Against Delinquency".
33. May 7 - Guided tour of Shirley Industrial School by Boston, Worcester "Institute on Youth Problems" classes.
34. May 10 - Lecture to Salem "Education for Citizenship" course.
35. May 13, 1955 - Presided over N.E. Economic Education Council semi-annual meeting at Tufts University.
36. June 7, 1955 - Curriculum conferences at Swampscott, Salem, Lynn, Topsfield.

### III. SCHOOL AND COMMUNITY RELATIONSHIPS

#### A. Co-Operative Action With Other Agencies

In addition to co-operative actions involving organizations and commissions as described above, this Office has also worked with the following: Massachusetts Youth Service Board, Massachusetts Civic League, Massachusetts Teachers Association, Mayor's Civic Improvement Committee (Boston), N.E. Social Studies Teachers Association, National Conference of Christians and Jews, North Shore Committee Against Discrimination, U. S. Immigration and Naturalization Service.

#### B. Other Speaking Engagements

Note: Dates and topics on file.

Special speaking engagements not previously classified and recorded are as follows: Boston League of Women Voters, National





Association of Intergroup Relations Organizations, Everett Kiwanis Club, Massachusetts Bar Association "Heritage Dinner", WBMS broadcast for Massachusetts Commission Against Discrimination, Massachusetts Federation of Women's Clubs, Intergroup Relations Council "Civil Rights Week" program, Massachusetts Congress of P.T.A.'s, Fort Devens P.T.A., Everett Jewish Community Center, "Brotherhood Breakfast", Waltham Rotary Club, Massachusetts Congress of P.T.A.'s Region 8, Attleboro Rotary Club, Saugus Lions Club.





### SCHOLARSHIPS - CHILDREN OF WORLD WAR VETERANS

During the fiscal year ending June 30, 1955, there were 103 children, residents of Massachusetts who matriculated in institutions of higher education between the ages of sixteen and twenty-four inclusive, who received reimbursement under the provisions of section 7B, Chapter 69, General Laws, as amended, in an amount of \$77,305.29. These were children whose fathers or mothers were World War I, World War II, or Korean veterans, whose service was credited to Massachusetts, and who were killed in action or died from other cause as a result of such service.



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ANNUAL REPORT  
For the Year Ending June 30, 1955  
for the  
DIVISION OF IMMIGRATION AND AMERICANIZATION  
DEPARTMENT OF EDUCATION

On June 30, 1955, the Division of Immigration and Americanization completed its thirty sixth year as part of the Department of Education. Since the Division is the successor to the Bureau of Immigration, created by Chapter 321, Acts of 1917, the work for the foreign born is of thirty eight years duration.

The duties of the Division under the present law, Chapter 409 of the Acts of 1939, are identical with those enumerated in the original statute and are as follows:

"The Division of Immigration and Americanization shall employ such methods, consistent with law, as in its judgment, will tend to bring into sympathetic and mutually helpful relations the Commonwealth and its residents of foreign origin, protect immigrants from exploitation and abuse, stimulate their acquisition and mastery of English, develop their understanding of American government, institutions and ideals, and generally promote their assimilation and naturalization."

#### The Work of the Division

In classifying and recording its work, the Division uses the basis of service given rather than that of client count. The Division recorded 42,068 services to clients during the past year. The Boston office recorded 26,770 services; Worcester, 5,057; Springfield, 3779; Fall River, 3271 and Lawrence, 3191.

#### The Work has Grown

In the first year of its work under the Department of Education, 1920, there were 18,521 services recorded, 7,292 in Boston. Last year's figures show that for all the offices the work has doubled while the Boston office has tripled its output.

Growth in services given has not been matched by increase in staff. This is particularly evident in Boston. In 1920 the Boston staff consisted of twelve employees, seven of whom were non-clerical. Presently there are ten employees, five of whom are non-clerical. In both 1920 and 1955 the Executive in charge of the Division, in 1920 classified as Executive Secretary, in 1955 rated as Supervisor of Social Service, included among her duties the supervision of the Boston office.







-2-

There has been a sizeable increase in the work in 1955 over 1954. In 1954, 38,414 services were recorded - 22,956 in Boston. The Boston gain amounted to 3814. Not only had that office no additional staff to cope with this increase, but for five months of the year the services of one social worker absent on sick leave were lacking and for a like period a clerical worker's position was vacant due to delays in filling it beyond the control of the Division.

#### The Causes of Increased Work

The increase in work of the Division has not been due to stimulation of client interest by Department or Division. In the first two years of the work the Bureau of Immigration properly engaged in a campaign of publicity to make the foreign born aware of the office the state had set up to help them. Various media, films, pay envelope slips, press notices, fliers, posters, lectures and meetings were used. Funds for publicity have been non-existent since the Division became a part of the Department of Education. For the past thirty five years not one cent has been spent on advertising. The Division has never lacked clients. Our present difficulty is the giving of adequate service with an inadequate staff. A public office meets difficulties in attempt to limit intake.

The increase of the work, which has been constant although with peak periods, reflects, perhaps the great changes and tensions which federal laws have made in the patterns of living of those from other lands. In 1917 the main problem was adjustment and the integration of the stranger in the strange land. Integration is still a major problem complicated greatly in 1955 by difficulties in family reunions, technicalities of residence and citizenship all set in a troubled world. In the past thirty years quota laws have kept families separated and complicated the lives of those finally reunited. Fifteen years ago the United States reversed its traditional policy of treating the new-comer without discrimination by compelling the registration and fingerprinting of all aliens. This 1940 alien registration law set a landmark in putting aliens in a separate category from their neighbors and their American born children. During World War II certain aliens were greatly restricted in travel and work. In 1951 the Internal Security Act compelled annual alien registration. Since 1952 the much discussed codification of the immigration and nationality statutes known as the Walter-McGarran Act affects not only prospective immigrants but those long resident here. The alien is ever made conscious of his alienage. Naturally, the need for a state office becomes apparent and its use more constant.

In addition to the statutes which restrict the alien or compel him to do certain things such as filing address reports, carrying alien registration identifications, the citizen has also been made aware of immigration laws and policies. Since and during World War II the United States has had a series of programs, whereby by law, certain groups or individuals might enter the United States irrespective of quota laws because sponsored by American citizen.







-3-

The great programs for war brides, fiancées and children of service men brought dependents from almost every country in the world. Many families who were normally unaware or uninterested in immigration met the problems face to face in greeting their son's wife or fiancée. The post war humanitarian programs for the displaced persons and the present Refugee Relief Program, which has the special interest of President Eisenhower, have enlisted the interest of many American citizens.

#### Work with Refugee Relief Program

As it has done in the past, the Division has assisted citizens to execute the assurances for refugees. The Division had filled out the assurances required under the Displaced Persons Act also, but there are notable differences in the present requirements. Under the Refugee Relief Act, the sponsor must, first of all, be a citizen. He must then be in a position to guarantee support, housing and work. The assurance forms themselves are complicated and must be filled out with many copies. The housing guarantee must be vouched for by statements of three citizens. The affidavit of support must be substantiated by financial documentation. In addition, the work promised must be guaranteed by a job clearance through the Office of Employment Security. The Division assisted in filling out 1195 assurances, 1030 of them at the Boston office. The actual filling out of the assurance is time consuming but not so much so as the supplementary material that must be assembled, nor as the time required for explanation on job clearance, housing statements and financial documentation.

The Refugee Relief Act provides that certain relatives of American citizens who are beneficiaries of the Immigration and Nationality Act under the fourth preference may also be included under the benefits of the Refugee Relief Act and that these privileges may be extended to their spouses and minor children. American citizens who have sisters or brothers in Greece or Italy have been eager to get benefits under the law. The greater number of assurances which were filled out at the Division offices were for such relatives. This meant, also, the filling and filing of petitions for the fourth preference.

The strong family ties and fraternal spirit shown by these American citizens promises well for the future integration into American life of those who will enter the United States under such sponsorship.

Although the Refugee Relief Act was slow in starting and has not been rapid in operation, beneficiaries under it are now arriving. From petition by citizen relative to arrival by migrant, the time runs to two years. The Act was passed in August 1953. Nothing perhaps shows more clearly the difference between present day migration and the mass movements of the past than does this time interval. The Refugee Law is a special program to facilitate immigration. It takes two years for the red tape to unwind. Before quotas the time interval, after purchase of a prepaid steamship ticket, was only as long as it took the ticket to reach the migrant in Italy or Greece and for his sailing to America.







- 4 -

### Other Immigration Problems

The total services recorded concerning immigration problems numbered 15, 127, more than a third of the total recorded. Of this number, 8512 were questions concerning immigration; 2720 recorded affidavits of support; 1220 petitions for non quota or preference quota status; 1195 assurances and 1470 various affidavits on immigrant matters. Because of the time limit on the Refugee Relief Act and the priority possibilities of quota preference made the immigration phase of the work unusually dominant in the past year.

### Citizenship Problems

As usual, many of our clients seek help toward citizenship. There were 4,573 inquiries on this point recorded. Under the McCarran-Walter Act, First Papers are no longer required. They were filled out, however, for 150 last year, mostly to enlist in the armed forces. The number of petitions for final papers of citizenship was 3914. As happened last year, a large part of these petitioners were recent arrivals who petitioned for citizenship just as soon as the statutory five year period was completed. Certificates of derivative citizenship were sought by 625 and some 460 other naturalization forms were filled at the offices.

### Nationality Backgrounds of Clients

The clients of the Division came from 49 different countries. In Boston, particularly, which bore the brunt of the Refugee Program, there was a striking increase of two groups - Italians, numbering 4996 and United States citizens, numbering 2870.

### Summary

The past year has been a busy one recording gains in numbers and commendable assistance given to a national program of refugee relief. There have been losses, however, along with the gains. Social case work can not be an assembly line procedure; it must attempt to be a personal relationship. The Division long ago accepted the techniques of the short term interview and has eliminated much of the time consuming method of the case worker. In order to establish "the sympathetic and mutually helpful relationship" directed by law, there must, however, be time and opportunity for worker and client to understand one another. It is pleasant and gratifying to realize that we have a constant unsolicited stream of clients who seek the Division because our services fulfill some need. It is disquieting, if not unpleasant, to recognize that a constant stream of clients may prove a problem in human relations. Workers, although they may be competent and diligent, are also human. Nothing is more exhausting than the pressure of demanding clients who, because of the urgency of their problems, desire immediate service. Fatigue and overwork





-5-

are factors that must be faced. Obviously, at the moment, we need no publicity to bring additional clients; nor drives to naturalize all aliens, even the ninety year old ones. We do need public relations to get understanding of the present needs of the foreign folk here. Perhaps activation of civic groups to aid voluntarily in some of these problems might be one answer. Perhaps public relations to get adequate support for a task that needs to be done is a better answer. The underlying question that motivated the creation of the Bureau of Immigration in 1917 was "Who is my neighbor?" with the implication that neighborliness should extend to the stranger. The answer to that question requires thoughtful consideration if the directives of the law are to be fulfilled, together with a frank acknowledgement of costs balanced against human values.



A letter to the Hon. Secy of the Interior, Washington, D.C., dated Jan. 10, 1891, from the Hon. Secy of the Interior, Washington, D.C., to the Hon. Secy of the Interior, Washington, D.C., regarding the matter of the land grant to the State of California for the purpose of establishing a national park in the State of California. The letter is signed by the Hon. Secy of the Interior, Washington, D.C., and is dated Jan. 10, 1891.

## DIVISION OF IMMIGRATION AND AMERICANIZATION

Statistical Detail  
Services Given

For the Year Ending June 30, 1955

All Offices

	BOSTON	FALL RIVER	LAWRENCE	SPRINGFIELD	WORCESTER	TOTAL
I. INFORMATION	9040	1586	1871	2000	2252	16,749
1. Booklets, forms, blanks	1059	174	326	299	132	1,990
2. Citizenship	1261	924	640	744	1004	4,573
3. Employment	14	0	1	0	0	15
4. Immigration	5953	347	576	802	834	8,512
5. Travel	59	94	115	139	222	629
6. Other	694	47	213	16	60	1,030
II. FORMS FILLED	6080	877	707	842	1296	9,802
7. N-105	92	29	27	7	18	173
8. N-300	82	6	5	13	44	150
9. N-400	2567	400	154	290	503	3,914
10. N-600	422	72	24	68	39	625
11. Other Natur. Forms	179	34	27	159	61	460
12. I-131	199	11	21	25	71	327
13. I-133	949	64	32	72	103	1,220
14. Other Immig. Forms	279	39	20	21	92	451
15. AR-11	303	26	74	46	5	454
16. I-90	373	31	36	60	92	592
17. AR-53 or 54	635	165	287	81	268	1,436
III. EXECUTION OF AFFIDAVITS	3656	280	289	472	688	5,385
18. Affidavit of Support	2140	100	104	147	229	2,720
19. Affidavit of Facts	90	14	8	5	15	132
20. Other Notarial	396	140	146	290	366	1,338
21. Assurances	1030	26	31	30	78	1,195
IV. OTHER SERVICES	7102	391	229	95	297	8,114
22. Change of Status	138	1	0	1	2	142
23. Appearance at Hearings	54	0	0	0	0	54
24. Interpretation & Trans.	232	1	0	0	57	290
25. Letters	5779	371	167	91	163	6,571
26. Other	899	18	62	3	75	1,057
V. INTERVIEW	892	137	95	370	524	2,018
27. Displaced Persons Interview	84	0	0	12	0	96
28. Newcomer Interview	806	137	95	358	511	1,907
29. Refugee Interview	2	0	0	0	13	15
VI. TOTALS	26770	3271	3191	3779	5057	42,068



*[Faint, illegible handwritten notes]*



SUMMARY

## Division of the Blind

The fiscal year, 1954-55, was highlighted by the re-emphasis placed upon Vocational Rehabilitation when Congress enacted the revised Vocational Rehabilitation Act and implemented it with substantial increases in appropriations. Thus, the President issued a call for all rehabilitation agencies to make greater efforts toward rehabilitation of the handicapped. In the summer of 1954, this Division, with the cooperation of the Waltham School Committee and the Division of Vocational Education, sponsored a special course in machine shop practice. The course of eight weeks' duration was completed by six men from various parts of the State. Graduates received instruction in the operation of the engine lathe, radial drill, spindle drill press, shaper, hydraulic surface grinder and milling machine. One major subject taught was the use of measuring devices. The blind person learned to use a Brailled micrometer, calipers and rulers. Furthermore, his work tolerance was proved to insure that he had the physical strength and endurance and the motivation towards work to carry on successfully in a shop. This was the first such course conducted for the blind in this State since World War II.

Late in the year, a special grant was received from the Federal Office of Vocational Rehabilitation to acquire equipment needed in public education. Furthermore, to aid in expanding job opportunity for the blind a position of Worker with the Blind, John Tait incumbent, was transferred to the rehabilitation bureau together with the position of a guide in the person of Mrs. Bertha Lichtenstein.

The death of Dr. Hugo Reimer, our consulting Ophthalmologist for so many years, was felt keenly by everyone in the Division. Dr. Reimer's abiding interest in helping the blind and his depth of professional knowledge was an inspiration to all who came into contact with him.

The program of financial assistance, Aid to the Blind, was characterized by a steady upward trend in both cases and expenditures so that at the year's end the case load was almost 1,800. The supervising staff has worked diligently for the past three years to revise the standards of assistance, simplify the system of granting aid and document the assistance plan in the form of a worker's manual. At the close of the year, final drafts were ready, and the Legislature had indicated approval of the new plan by promising funds necessary to put it into action. Considered, also, was the providing of general hospital expenses for recipients of Aid to the Blind. Action by Congress expected in 1956 would make that year a most appropriate time for adding this expense to the program, since it is expected that the Federal Government will assume one half of the cost of medical care by that time. When such provisions for the payment of recipient's hospital bills are made, negotiations will be made with Blue Cross to insure all recipients for a flat monthly rate, thus relieving our staff of the burden of handling hospital bills.

The sheltered workshops of the Division continue to operate as in the past with one exception. Due to the dynamic leadership of Mr. Cowles in Springfield the Springfield Shop has taken on several sub-contract jobs of interest notably for a shampoo company, a cosmetic company, and for an electronic company. Sales of blind-made products and home industries show no change worthy of comment.





## The Register of the Blind

There were 7,418 persons listed on the register of the blind on June 30, 1955. This is 253 more than on June 30, 1954 when the count was 7,165. The number of persons registered has shown a steady increase from year to year since 1952 when a thorough overhauling of the register was made, eliminating over 500 registrants who were either dead, not blind, or removed from the State.

In 1952, the total registration on June 30 was 6,815. Thus, the increase in four years has been 603. Hurlin 1) through his method of projection of population trends estimated in 1952 that the blind population of Massachusetts was 7,864. Such estimates will probably never equal the register even if the registration system was flawless because of the group on the boarder line of blindness, some of whom would be considered blind and others would be considered sighted.

While the registration law is mandatory, the range of services offered by the Division affects registration. When the pre-school services were offered in 1952 registration of pre-school children increased markedly. During the past year with the real estate tax exemption of \$2,000 in assessed value, registrations, particularly of elderly people, increased significantly.

Thus, about 54 percent (53.7) of those registered on June 30 were age 60 or older. Many were very old, 1,316 persons were 80 years or older, and of these oddsters, two out of every three were women. In the aged group, women predominate, as they do in the general population. In the middle aged group, from age 20 to 60, the men predominate on the register of the blind by almost two to one. In the young group up to age 20 sexes are about evenly distributed, although there are slightly more males than females.

From the foregoing figures it can be seen that vocational rehabilitation problems for the next few years will be more centered upon employment problems of men than of women.

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1) R Hurlin, "Estimated Prevalence of Blindness in the United States, American Foundation for the Blind", New York, 1953.



# THE HISTORY OF THE CITY OF BOSTON

As the city of Boston is one of the most important and interesting in the United States, it is not surprising that its history has attracted the attention of many writers. The first history of the city was published in 1630, and since that time many others have appeared. The most recent and complete history of the city is that published by the Boston City Council in 1888. This history is a valuable work, and it is to be hoped that it will be the basis of all future histories of the city.

The history of the city of Boston is a long and interesting one. It begins with the first settlement of the city in 1630, and continues to the present time. The city has been the seat of many important events, and it has played a prominent part in the history of the United States. The city has been the birthplace of many of our most famous men, and it has been the scene of many of our most important battles. The city has also been the center of many of our most important movements, and it has been the home of many of our most important institutions.

The city of Boston is a city of many firsts. It was the first city in the United States to have a city council, and it was the first city to have a city charter. It was also the first city to have a city hall, and it was the first city to have a city library. The city has also been the first city to have a city park, and it has been the first city to have a city museum.

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THE HISTORY OF THE CITY OF BOSTON  
PUBLISHED BY THE BOSTON CITY COUNCIL  
IN 1888



## Rehabilitation Bureau

The Vocational Rehabilitation Bureau operated for four months of the year with a professional staff of four persons, the Supervisor of Rehabilitation and three counsellors. On November 8, 1954 Mr. John D. Tait joined the Bureau as a Worker with the Blind, doing counselling and placement work. Mrs. Bertha Lichtenstein, his guide, also joined the Bureau on that same date.

Vocational Rehabilitation is a public service to preserve or restore the ability of blind persons to achieve economic independence through useful work. The goal of those blind persons who benefit from Vocational Rehabilitation services is gainful employment. In this program no blind person is considered rehabilitated until he has been placed in suitable employment after being provided with substantial rehabilitation services. In our program a person must be employed for at least 30 days on a job which appears to be permanent. In most cases, the criterion is successful accomplishment in paid employment, verified by personal follow-up. In some cases, it is the ability to perform the important work of making a home. The services which are provided under the public program for vocational rehabilitation are geared to the specific needs of the individual, with due regard to the nature of his disability, his interests and aptitudes, and his goals for a career. Services are rendered only to individuals who are at least 16 years of age and who have a reasonable chance of being employed after services are given. There are nine services in all:

1. Medical diagnostic services to learn the nature and degree of disability and to help determine eligibility for services, the need for additional medical services, and the individual's work capacities.
2. Individual counsel and guidance, including psychological testing, to help select the right job objective.
3. Medical, surgical, psychiatric, and hospital services to remove or reduce the disability.
4. Artificial limbs and other prosthetic appliances to increase work ability.
5. Training, including occupational training and adjustment training for the blind.
6. Maintenance and transportation during treatment or training.
7. Tools, equipment or licenses if these are necessary to give the individual a fair start.
8. Placement in a job commensurate with the individual's highest physical and mental capacities.
9. Follow-up to ensure that the rehabilitated man or woman is successful and that both he and the employer are satisfied.





The program of Vocational Rehabilitation is a Federal-State program. During the fiscal year, the Federal Government paid approximately two-thirds of the total expenses, the State Government paying the remaining one-third.

Statistics which show the work done during the year:

#### A. Referrals

1. On hand July 1st	123
2. New since July 1st	140
3. Total during period	263
4. Accepted for services since July 1st	84
5. Closed since July 1st	37
6. Total processed during period	121
7. Total referrals remaining at end of period	142

#### B. Active Cases and Cases Closed from Active Load

8. Active cases on hand July 1st	170
9. Accepted for services since July 1st	84
10. Total in active load (receiving services) during period	254
11. Closed rehabilitation cases since July 1st	45
12. Closed other reasons, after rehab. plan initiated since July 1st	2
13. Closed other reasons, before rehab. plan initiated since July 1st	14
14. Total closed cases during period	61
15. Total active cases remaining at end of period	193

#### C. Clients Rehabilitated

1. Cases closed, rehabilitated or employed (as compared with 39 in fiscal 1954)	45
2. Number of employed clients who had been receiving public assistance prior to becoming employed	27
3. Average public assistance grant for the 27 rehabilitants shown in line 2	\$19.85 pr. wk.
4. Average salary of the 45 rehabilitants (as compared to \$40.65 weekly in Fiscal 1954)	\$44.28 " "
5. Type of work on which rehabilitants were placed:	

Assembler of awnings	Mathematician
Assembler of brushes	Musician
Assembler of electrical machinery	Operator of telephone answering service
Assembler of valves	Packer
Bus Boy	Piano tuner
Clergyman	Sales clerk
Darkroom worker	Sheltered Workshop Operator
Ediphone operator	Shipping & receiving clerk
Home Teacher	Switchboard operator
Housewife	Tack puller
Inspector of metal parts	Tag stringer
Kitchen worker	Teacher of elocution
Laborer	Telephone handset dismantler
Laundry worker	Vending stand helper
Manager of small business	Vending stand operator





6. Average amount of case service money spent on each  
 Rehabilitant (as compared with \$188.77 in fiscal year 1954) \$363.16

D. Rehabilitations of Individual Counsellors

Frederick D. Greehan	3 (none in sheltered workshop employment)
Robert J. Scott	20 (one " " " " )
John F. Hobin	6 (four " " " " )
John J. Clunk	8 (none " " " " )
John D. Tait	8 (one " " " " )

E. Specific Services Rendered to Clients

1. Adjustment center evaluation and training	13
2. Automobile mechanic training	1
3. College training	13
4. Commercial training	9
5. Dental treatment	1
6. Farm training	1
7. Fish-fly tying training	1
8. Horticultural training	2
9. Machine shop training	6
10. Medical examinations	81
11. Mobility or travel training	14
12. Music training	5
13. Poultry raising training	5
14. Provision of occupational tools or equipment	15
15. Psychiatric treatment	1
16. Psychological examinations	32
17. Radio repair training	1
18. Reader service	6
19. Theological training	1
20. Transportation while in training	3
21. Vending stand training	10

From September 28 through October 1, 1954, Mr. Greehan attended a conference on "Adjustment to Blindness" in Philadelphia. Approximately 400 persons registered for this conference which was very worthwhile. On May 19 and 20, 1955 Mr. Greehan was Chairman of the Eighth Annual Convention of the New England and/or Yankee Chapter of the National Rehabilitation Association, held at the Bradford Hotel in Boston. Mr. Greehan served throughout 1954 as Secretary of the newly formed Massachusetts Chapter of the National Rehabilitation Association. He resigned this position for 1955 due to the pressure of other duties. In 1954, Mr. Robert J. Scott was a member of the Program Committee for the Massachusetts Chapter. In 1955, he is a member of the Committee to review the by-laws of the Massachusetts Chapter. Between 25 and 30 speaking engagements to service clubs were made by the rehabilitation staff during the year. A detailed account of the speaking engagements was kept for the final 6 months during the period January 1 to June 30, 1955. Mr. Greehan spoke 3 times, Mr. Scott spoke 6 times, Mr. Hobin spoke 5 times and Mr. Tait spoke 4 times.







## Home Teaching

During the greater part of this year there were eight rather than nine home teachers. Two home teachers transferred to different sections within the Division, and it was possible to fill only one of the vacancies. As yet, it has not been possible to find a well-qualified person for the Worcester area.

Mr. Joseph Callero was employed on November 1, 1954 to fill the vacancy in the Boston area. Mr. Callero has his Master's Degree in Education and Guidance, and covers his area alone on the public transportation system with his seeing eye dog. His area includes all of Medford, Malden, Everett, Somerville, Charlestown, East Boston, Chelsea, Revere, Winthrop, and parts of Brighton, Allston and Brookline.

During this year, the home teachers provided services to 953 blind individuals--78 more persons than last year. Services ranged from regular, planned visits for teaching and adjustment purposes, to occasional, friendly visits to elderly blind individuals who are virtually alone in the world and derive a great deal of comfort from this continued link with the Division. The frequency of the regular visits ranges from one week to one month, depending upon the needs of the individual and the time available. Despite the adjustment in the areas covered by each home teacher there were many individuals who did not have what could be called an optimum number of visits, especially in the Worcester area. The core of the home teaching program is in the area of adjustment of newly blind adults so that they may be well-integrated persons and preserve or return to the level of self-sufficiency and productivity they had attained prior to loss of vision. This is accomplished through helping the individual accept his blindness and adapt himself to the problems it imposes. As tools of adjustment the home teachers give instructions in the following: Braille reading and writing, moontype, typewriting, music, knitting, crocheting, machine and hand sewing, basketry, caning and leatherwork. Every effort is made to gear the teaching program to individual needs; not all persons learn Braille, typing, and other such specific skills of communication.

The home teachers work cooperatively with the Rehabilitation section and the Bureau of Shops and Industries, making referrals when individuals have reached the point of being ready to participate in either of these programs. They also accept referrals from these sections and plan their teaching activities within the areas suggested.

## Talking Books

Talking Books are the property of the U. S. Government, and the Massachusetts Division of the Blind has been designated as the sole distributing agent of the machines for this State. The machine itself is a slow speed, electric phonograph with dynamic speaker that plays records on which have been transcribed a wide selection of reading material. To date, more than two thousand titles have been recorded, and are available to blind readers, with other recordings being added periodically. There is no charge for the loan of these machines, and the records come and go through the U. S. Mail free of charge under a government franking privilege. This Division pays the regional library at Perkins Institution, Watertown, Massachusetts a service charge of \$5.00 per reader per year for handling, mailing, and storing the records. Since it is estimated that 75 percent of the blind do not read Braille sufficiently well to take advantage of the Braille books available, Talking Books have become a great source of instruction and entertainment to them.







Since the advent of the Talking Book Machine 4,077 blind persons in Massachusetts have been lent one of these machines by this Division. This year, 414 machines were placed with new readers, bringing the total number of machines on loan for the year to 1,822. During the year, 261 exchanges were made. These exchanges are made necessary because some of the machines get out of order and the blind client is lent another in order that reading may not be disrupted for long periods of time. Machines were removed from 226 clients. Removals are generally due to the death of the client; however, other reasons contribute, such as moving out of state, defective hearing, improvement of vision after surgery, etcetera. Minor repairs were made on 130 machines in the homes of blind persons during the year.

#### Aid to the Blind

The number of recipients of Aid to the Blind approached 1,800 (1,794) in the month of June, 1955. In September, 1944, the monthly case load was 930. A change of policy in December, 1945, which provided that citizens over age 64 would be eligible for Aid to the Blind resulted in a steady increase to the 1,794 figure of June, 1955. Prior to December, 1945, a citizen eligible for Old Age Assistance was declared ineligible for Aid to the Blind. This policy was considered contrary to the interest of the Social Security Act's intent that programs should be available to all persons within the basic category, blindness. A person in receipt of Aid to the Blind would need to apply to another agency for Aid to the Aged upon reaching age 65. Under present policy it is possible for a blind person, otherwise eligible, to have a choice of accepting aid from one of four programs--Old Age Assistance, Aid to the Disabled, Veterans' Aid, or Aid to the Needy Blind.

While 1,794 persons were in receipt of Aid to the Blind payments in June, 1955 1,993 different persons were aided during the fiscal year. During the year, 199 persons ceased to receive Aid to the Blind. The chief reason for the termination of aid is death of the recipient. Other reasons amounting to only 5% of the terminations are: increased resources, admission to a public institution, and the regaining of sufficient sight to be considered no longer legally blind. Eight recipients fell into this last category this year.

Accepted for Aid to the Blind during the year were 252 persons. About one half of these persons accepted for Aid to the Blind were virtually blind, that is, they had 5/200 or less in the better eye with all possible correction. About one out of every five persons accepted for aid was partially seeing, that is they had vision of 20/200 in the better eye with correction. This is the upper limit of legal blindness. Slightly less than 10 percent of those accepted for aid had vision better than 20/200 in the better eye with correction, but had a severe restriction in the field of vision sufficient to bring them within the legal definition of blindness.

The program of Aid to the Blind is a form of public assistance and as such under the terms of Title X of the Social Security Act persons are aided to the extent that they are in need. Consequently, grants of assistance vary considerably because income and other resources available to a recipient are deducted from the budgeted need. While the average monthly grant stands at well over \$90 per recipient, the highest in the country, many people do not receive that much due to the receipt of other income. Others, of course,



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receive more when their needs are greater than the average. Of the 252 persons accepted for aid this year, about one half received \$70 per month or more, and about one fourth received over \$100 per month, while another one fourth received less than \$50 as a monthly grant of assistance. About one out of every four persons accepted for Aid to the Blind receives Old Age and Survivors' Assistance benefits at the time of application for aid, and the Aid to the Blind supplements this income.

Glaucoma was the principal cause of blindness in these 252 new recipients of aid. The second most frequent cause of blindness in these new recipients was retinal hemorrhages, most of which are due to diabetes. Cataracts rank third as a cause of blindness in this group, and optic nerve atrophy ranks fourth.

#### Medical Care

Under the restoration of vision program services were furnished to 24 persons, two of whom were children. The total cost was \$3,707.63. The services were as follows:

Hospital ward rates were paid for 20 persons in five hospitals:

Massachusetts Eye and Ear Infirmary	15
" Memorial Hospitals	2
Lowell General Hospital	1
Union Hospital, Fall River	1
Beth Israel Hospital	1

Cataract surgery: 13 adults, 1 child	
Vision restored to over 20/200	5
No improvement or improvement not over 20/200	6
Refraction not yet done	1
Too young for refraction	1
Surgery followed by gall bladder attack and person too ill to refract	1
Surgery for retinal detachment	2
No improvement of vision in both cases; discissions for pupillary membrane	4

No improvement of vision in three cases. One person died soon after operation. Cortisone therapy for uveitis provided for 1 person with no improvement in vision. Ophthalmologist care and medicine furnished for 1 child in order to maintain his present vision. Cataract glasses furnished to 2 persons who are aphakic eyes. Vision not improved about 20/200 in both cases. A total of 223 eye reports were obtained by worker in order to establish eligibility of persons who requested services. Aid to the Blind program 112, -- 74 obtained from ophthalmologists, -- 38 obtained from optometrists, vocational rehabilitation 27, -- 19 obtained from ophthalmologists, 8 obtained from clinics. Home teaching, talking book machines, tax certificates and other services--84. Eye examinations for which a fee is allowed were authorized for applicants as follows: Aid to the Blind 40 Ophthalmologist examination 27 Optometrists' examination 11 Mass. Eye & Ear Infirmary 2 Vocational Rehabilitation 9.

One hundred forty-six letters regarding services were sent to persons newly reported to the Division by ophthalmologists, optometrists and clinics. Thirty-eight or 20.6% replied with requests for various services. These requests were referred to appropriate department.



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In March the worker attended the annual three day conference of The National Society for the Prevention of Blindness. In September the worker gave a talk on the services of the Division and causes of blindness in Massachusetts to a group of nurses, optometrists and ophthalmologists in Fall River at the request of Dr. Sydney S. Deutch. Talks were also given to the student nurses at Boston City Hospital and the Business and Professional Women's Club at the Church of the Advent.

The diabetic file has been maintained and statistics furnished to the United Community Services Committee on Diabetes and to physicians associated with other diabetic committees and societies. In November the worker served as chairman of the Medical Social Workers' Committee responsible for an exhibit at the Boston Diabetes Fair.

The index of deaf and hard of hearing blind has been maintained, and the worker has continued to cooperate with the American Foundation for the Blind, Department of Services for the Deaf-Blind by sending the information requested for their deaf-blind register. At their request eye medical reports were supplied for 26 blind persons who applied for the "Social Security Freeze". There was a marked decrease in the number of requests for examinations for telescopic lenses and low vision devices. Such persons have been referred to the clinic directed by Dr. Albert E. Sloane at the Massachusetts Eye and Ear Infirmary who found only 1 case that could be helped by any device. Telescopic lenses were prescribed for a recipient of A.B. by his ophthalmologist. These were provided for him under this program.

#### Services to Children

During the fiscal year there have been many changes of personnel in the children's services. Miss Faith Mattison, a graduate of Simmons School of Social Work, joined the children's staff in October. In November, Mrs. Helen Randall transferred out of children's work. In January, Mrs. Dorothea Forbush resigned from her position as Pre-School Counsellor to become kindergarten teacher in the Newton Public Schools. On February seventh, Miss Emily Schroeder, now Mrs. James Scroggs, a graduate of Simmons College, joined the staff of this Division. She served her apprenticeship in the Aid to the Blind Department and started working with children in June. Up to this time we have been unable to secure a Pre-School Counsellor in place of Mrs. Forbush.

The children's workers, not including pre-school counsellors, made 147 home visits, 56 school visits, 57 collateral visits and had 9 office interviews. Authorization was made for 55 children to enter Sight Saving Classes. Authorization was made for 3 children to enter public school class for blind children in Malden. Two were transferred from the John Greenleaf Whittier class, making a total of 5 children in each class. Twenty-eight blind pupils entered Perkins Institution for the Blind, 3 of these were re-entries. Many requests were made for large type books to be sent to children in regular schools. The pre-school counsellors made 438 home visits, 93 school visits, 29 collateral visits.

Mrs. Ellis was asked by the Walter E. Fernald School to advise the personnel of the Ransom Greene Unit for the Blind in ways of working with blind children there. She conducted 4 educational conferences with the staff members. Both pre-school counsellors assisted in student training for the Boston Nursery Training School and Wheelock College.







A new facility for the education of blind children was opened in September at the Emerson School in Malden. Five children attended this year. Mrs. Anna Netzel was employed as the teacher. The total cost was carried by the State Department of Education including the cost of transportation by taxi to and from school. The pupils came from Swampscott, Revere, Somerville, Medford and Malden. In this school setting the blind children have their homeroom in the regular classrooms, take as many subjects as possible in the regular classrooms, go into Mrs. Netzel's classroom which is equipped with special materials for teaching the blind, for subjects they learn by touch.

With the growing number of blind children in sighted nursery schools and kindergartens, both public and private reading readiness material for these children has become increasingly needed. A study should be done so that when blind children are placed in regular kindergarten some concrete material and advice can be given to the teachers to be used in the classrooms.

Another need which is recognized is for a list of suggestions and resources for leisure time activities for blind children. This would be especially helpful for parents of children who attend neighborhood schools and live at home. Some work has already been done in preparing such a pamphlet.

A most encouraging announcement was by Dr. Franklin Foote, Director of the National Society for Prevention of Blindness. He said in part, "Evidence for a causal relationship between retrolental fibroplasia and oxygen therapy now appears to be beyond reasonable doubt. Moreover, the available data indicate that limitation of oxygen treatment does not increase mortality". He continues, "Present indications are that the irreversible stages of the disease are either virtually or entirely eliminable; a reservation is made to account for the rare cases diagnosed as retrolental fibroplasia in which no oxygen is said to have been used". Later he said, "The conclusion is obvious that discriminate and limited use of oxygen in premature infants is now mandatory". Quotation from the Overuse of Oxygen and Retrolental Fibroplasia reprinted from The Journal of Pediatrics.

The supervisor of children's services recommends that this Division in cooperation with the Division of Maternal and Child Health Department of Education take some steps to make sure that the use of oxygen in premature infants be limited in the hospitals of Massachusetts.

The children's workers attended the following conferences and meetings in order to increase their knowledge of work with visually handicapped and to increase their professional skills: The National Conference of Social Work attended by Miss McLaughlin. The Annual Conference of American Orthopsychiatric Association attended by Miss Mattison. The National Society for Prevention of Blindness Conference attended by Miss Mattison and Mrs. Ellis. The Conference of Division of Special Education attended by all the children's staff. Perkins Institution Baby School certain sessions attended by all the children's workers and the Conference of New York Guild for the Jewish Blind attended by Miss Mattison.





## The Register of the Blind (1955)

TABLE 1 Blind persons on the Massachusetts Register of the Blind, by Age and Sex on June 30, 1955.

AGE	TOTAL	MALE	FEMALE	PERCENT
Total	7,418	3,528	3,890	100
Under 1 yr.	6	3	3	.1
1-2 yrs.	24	15	9	.3
2-3 yrs.	46	27	19	.6
3-4 yrs.	60	28	32	.8
4-5 yrs.	53	27	26	.7
5-9 yrs.	283	148	135	3.8
10-14 yrs.	241	140	101	3.3
15-19 yrs.	148	75	73	2.0
20-24 yrs.	171	96	75	2.3
25-29 yrs.	220	135	85	3.0
30-34 yrs.	282	177	105	3.8
35-39 yrs.	288	171	117	3.9
40-44 yrs.	275	159	116	3.7
45-49 yrs.	359	203	156	4.8
50-54 yrs.	415	221	194	5.6
55-59 yrs.	524	267	257	7.1
60-64 yrs.	613	296	317	8.3
65-69 yrs.	729	336	393	9.8
70-74 yrs.	681	299	382	9.2
75-79 yrs.	700	286	414	9.4
80-84 yrs.	627	215	412	8.5
85-89 yrs.	364	117	247	4.9
90-94 yrs.	171	50	121	2.3
95-99 yrs.	47	7	40	.6
100 & over	7	1	6	.1
Age Unknown	84	29	55	1.1

On June 30, 1955 there were 550 legally blind children born in 1937 through 1948 school age.

TABLE 2 School age children on Massachusetts Register, by Age and Sex, June 30, 1955

BORN	MALE	FEMALE	TOTAL
1937	19	19	38
1938	14	15	29
1939	10	12	22
1940	15	15	30
1941	19	9	28
1942	26	28	54
1943	26	31	57
1944	35	18	53
1945	32	17	49
1946	38	33	71
1947	33	27	60
1948	30	29	59
	297	253	550





TABLE 3 Blind persons added to the Massachusetts Register of the Blind, by Age and Sex during the 12 months July 1, 1954 through June 30, 1955

AGE	TOTAL	MALE	FEMALE	PERCENT
Total	793	310	483	100
Under 1 yr.	6	3	3	.8
1-2 yrs.	23	16	7	2.9
2-3 yrs.	12	7	5	1.5
3-4 yrs.	13	4	9	1.6
4-5 yrs.	9	4	5	1.1
5-9 yrs.	31	18	13	3.9
10-14 yrs.	6	4	2	.8
15-19 yrs.	5	3	2	.6
20-24 yrs.	6	4	2	.8
25-29 yrs.	5	3	2	.6
30-34 yrs.	20	9	11	2.5
35-39 yrs.	18	11	7	2.3
40-44 yrs.	10	9	1	1.3
45-49 yrs.	25	14	11	3.1
50-54 yrs.	27	13	14	3.4
55-59 yrs.	45	14	31	5.7
60-64 yrs.	58	17	41	7.3
65-69 yrs.	66	27	39	8.3
70-74 yrs.	83	28	55	10.6
75-79 yrs.	85	31	54	10.7
80-84 yrs.	98	25	73	12.3
85-89 yrs.	58	17	41	7.3
90-94 yrs.	20	5	15	2.5
95-99 yrs.	3	1	2	.2
100 yrs. & over	0	0	0	0
Age Unknown	61	23	38	7.7

TABLE 4 Age and Sex of 268 pre-school blind children on Massachusetts Register, by Year of Birth, June 30, 1954

Date of Birth	Male	Female	Total
1948	28	22	50
1949	22	22	44
1950	21	23	44
1951	25	22	47
1952	23	24	47
1953	20	16	36
	<u>139</u>	<u>129</u>	<u>268</u>

TABLE 5 Sources of Referral of 268 pre-school children registered on June 30, 1954

Mass. Eye and Ear Infirmary	88
Ophthalmologists	48
Families	29
Boston Nursery for Blind Babies	23
State Schools for Feeble-minded	14
Perkins Institution	13
Others	53
	<u>268</u> Total 268



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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During the year 105 legally blind children were referred and added to the register.

TABLE 6 Causes of blindness, 105 blind children added to Massachusetts Register during 12 months ending June 30, 1955

Eyeball in general

Refractive Errors

Myopia (including myopic astigmatism) 5

Hyperopia (including hyperopic astigmatism) 3

Structural Anomalies

Albinism 1

Anophthalmos 1

Buphthalmos 1

Microphthalmos 2

Aniridia 2

Coloboma of choroid 1

Cornea

Corneal opacities 3

Iris and Ciliary Body

Iridocyclitis 1

Uveitis 1

Crystalline Lens

Congenital cataracts 10

Dislocated lenses 2

Choroid and retina

Choroiditis 1

Chorioretinitis 3

Choroid and retina

Of these, one has Toxoplasmosis

Retinitis proliferans 1

Retinal degeneration 1

Macular degeneration 1

Retinitis pigmentosa 2

Retinoblastoma 1

Optic Nerve, visual pathway, Optic Atrophy 5

Miscellaneous and ill defined

Amblyopia undefined 18

105

TABLE 7 Causes of Defective Sight 1/ of 65 children referred to Massachusetts Division of the Blind during 12 months ending June 30, 1955

Refractive Errors

Myopia (including myopic astigmatism) 31

Hyperopia (including hyperopic astigmatism) 13

Structural Anomalies

Albinism 2

Crystalline Lens

Chorioretinitis 1

Detached retina 1

Macular degeneration 3

Retrolental fibroplasia 1

Optic Nerve, visual pathway, Optic Atrophy 5

Miscellaneous and ill defined, Amblyopia undefined

4

65

1/ better than 20/200 vision





TABLE 8 Causes of blindness, 268 pre-school blind children registered on June 30, 1954

Choroid and retina	
Retrolental Fibroplasia	186
Optic Nerve	
Optic Atrophy	28
Crystalline Lens	
Congenital cataracts	9
Others	45
	<u>268</u>
	Total 268

TABLE 9 Whereabouts, 268 pre-school blind children registered on June 30, 1954

Own homes	232
Ransom Greene Unit, Fernald School	13
Monson State Hospital	6
Belchertown State School	4
Foster home	4
Wrentham State School	3
Boston Nursery for Blind Babies	3
Unknown	2
Myles Standish State School	1
	<u>268</u>
	Total 268

TABLE 10 Age and Sex 268 pre-school children on Massachusetts Register, by Year of Birth, June 30, 1955

Date of Birth	Male	Female	Total
1949	26	23	49
1950	27	27	54
1951	29	28	57
1952	30	30	60
1953	23	24	47
1954	13	8	21
	<u>148</u>	<u>140</u>	<u>288</u>

TABLE 11 Sources of Referral of 268 pre-school blind children registered on June 30, 1955

Massachusetts Eye and Ear Infirmary	78
Ophthalmologists	45
Families	46
Boston Nursery for Blind Babies	27
State Schools for Feeble-minded	16
Perkins Institution for the Blind	13
Others	63
	<u>288</u>
	Total 288

TABLE 12 Causes of blindness 268 pre-school children registered on June 30, 1955

Choroid and retina	
Retrolental Fibroplasia	187
Optic Nerve	
Optic Atrophy	20
Structural Anomalies	
Congenital cataracts	15
Others	46
	<u>288</u>
	Total 288



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TABLE 13 Whereabouts, 268 pre-school blind children registered on June 30, 1955

Own home	242	
Ransom Greene Unit, Fernald School	27	
State Schools (other than Fernald)	11	
Boston Nursery for Blind Babies	3	
Foster home	5	
	<u>288</u>	Total 288

On June 30, 1954 there were 498 children born in 1936 through 1947 school age on the register of the blind.

TABLE 14 School age children in Massachusetts Register by Age and Sex, June 30, 1954

Date of Birth	Male	Female	Total
1936	15	11	26
1937	19	19	38
1938	12	14	26
1939	10	12	22
1940	15	15	30
1941	19	9	28
1942	26	27	53
1943	25	30	55
1944	34	18	52
1945	29	16	45
1946	36	31	67
1947	31	25	56
	<u>271</u>	<u>227</u>	<u>498</u>

TABLE 15 Sources of Referral, school age children on Massachusetts Register, June 30, 1954

Massachusetts Eye and Ear Infirmary	175	
Ophthalmologists	62	
Other agencies for the blind	40	
Families	38	
Schools	36	
Perkins Institution	29	
Social Agencies	29	
Others	89	
	<u>498</u>	Total 498

TABLE 16 Sources of Referral, school (550) age children on Massachusetts Register, June 30, 1955

Massachusetts Eye and Ear Infirmary	196
Ophthalmologists	73
Schools	44
Families	42
Other agencies for blind	42
Social agencies	32
Perkins Institution for the Blind	30
Others	91
	<u>550</u>





TABLE 17 Causes of blindness, 498 blind children on Massachusetts Register,  
June 30, 1954

Eyeball in general

Refractive Errors

Myopia (including myopic astigmatism) 30

Hyperopia (including hyperopic astigmatism) 17

Structural Anomalies

Albinism 26

Buphthalmos 29

Microphthalmos 9

Aniridia 7

Coloboma 5

Cornea

Keratitis 3

Affection of cornea (2 of these caused by  
ophthalmia neonatorum) 5

Iris and ciliary body

Iritis 1

Uveitis 8

Crystalline lens

Congenital cataracts 70

Choroid and retina

Chorioretinitis 9

Retrolental Fibroplasia 116 23.3%

Retinitis pigmentosa 10

Retinoblastoma 8

Detached retina 12

Macular degeneration 16

Optic Nerve

Optic atrophy 73

Amblyopia undefined

Amblyopia undefined 44

498 Total 498

TABLE 18 Whereabouts, 498 blind school age children on Massachusetts  
Register, June 30, 1954

Perkins Institution for the Blind 143

Regular schools 112

State schools for feeble-minded 60

Braille class 8

Regular school with help in Braille 7

Sight Saving Classes 72

At home 43

Visiting teachers 8

Unknown 4

Ransom Greene 2

Others 3

498 Total 498



... ..

... ..

... ..

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... ..

TABLE 19 Causes of blindness, 550 school age children on Massachusetts Register, June 30, 1955

Eyeball in general

Refractive Errors		
Myopia (including myopic astigmatism)	30	
Hyperopia (including hyperopic astigmatism)	20	
Structural Anomalies		
Albinism	25	
Buphthalmos	28	
Microphthalmos	8	
Aniridia	6	
Coloboma	5	
Cornea		
Keratitis	3	
Affections of cornea (3 of these caused by ophthalmia neonatorum)	6	
Iris and ciliary body		
Iritis	1	
Uveitis	7	
Crystalline lens		
Congenital cataracts	70	
Choroid and retina		
Chorioretinitis	9	
Retrolental Fibroplasia	153	27.6%
Retinitis pigmentosa	9	
Retinoblastoma	9	
Detached retina	15	
Macular degeneration	16	
Optic nerve, visual pathway		
Optic nerve atrophy	81	
Miscellaneous and ill defined		
Amblyopia undefined	49	
	<u>550</u>	

TABLE 20 Whereabouts, 550 blind school age children on Massachusetts Register, June 30, 1955

Perkins Institution for the Blind	157
Regular schools	128
Sight Saving Classes	76
State schools for the feeble-minded	61
Braille classes	10
In regular school with Braille material	9
At home	52
Ransom Greene Unit of Fernald School	43
Visiting teacher	7
Other	3
Unknown	4
	<u>550</u>





TABLE 21 Number of persons accepted for Aid to the Blind during the months  
July 1, 1954-June 30, 1955

Counties	Total	Percent of Total
Total all counties	252	100.0
Barnstable	2	.8
Berkshire	2	.8
Bristol	34	13.5
Dukes	0	0
Essex	28	11.1
Franklin	4	1.6
Hampden	12	4.8
Hampshire	1	.4
Middlesex	49	19.4
Norfolk	16	6.3
Plymouth	10	4.0
Suffolk	68	27.0
Worcester	26	10.3

TABLE 22 Principal causes of blindness in 252 persons accepted for Aid to the Blind in Massachusetts during months July 1954-June 1955 compared with those accepted for aid in the fiscal years ending 1952 & 1954 and special studies in May 1949 and November 1941.

Cause of Blindness 1/	1954- 1955 2/	1953- 1954 3/	1951- 1952 4/	May 1949 5/	November 1941 6/
Optic Nerve Atrophy	9.6	10.0	10.1	14.4	12.3
Cataract	14.2	25.0	16.0	14.2	15.2
Glaucoma	16.3	8.6	12.7	11.3	9.4
Retinal Degeneration	10.8	11.1	6.9	8.0	5.0
Myopia	6.7	6.5	8.5	6.9	8.5
Ulcerative Keratitis	1.2	1.4	.7	5.8	9.7
Retinal Hemorrhages	15.1	13.1	11.8	7/	3.1
All other causes	26.1	24.3	33.3	7/	36.8

1/Standard classification of causes of blindness

2/Study of 252 cases accepted for A.B. during months July 1, 1954-June 30, 1955

3/Study 288 cases accepted for A.B. during months July 1, 1953-June 30, 1954

4/Study 306 cases accepted for A.B. during months July 1, 1951-June 30, 1952

5/Study 1001 recipients of A.B. in May 1949

6/Study 1176 recipients of A.B. in November 1941

7/Data not available





**TABLE 23** Living arrangements of persons accepted for Aid to the Blind during months July 1, 1955-June 30, 1955 by type of living arrangement at time of acceptance and by sex.

Living Arrangement	Total Both Sexes	Men	Women
	252	121	131
Alone	49	21	28
With spouse or spouse and child/ren	79	52	27
With child/ren without spouse	25	4	21
With parent/s & with parent/s and others	35	24	11
With other relative/s	23	10	13
In Boarding or Nursing Home	41	10	31

**TABLE 24** Age and distribution of persons accepted for Aid to the Blind during months July 1, 1954-June 30, 1955

Age	Both Sexes	Men	Women	Percent of Total	
				Men	Women
All ages	252	121	131	100.	100.
18 to 20	7	5	2	4.1	1.5
21 to 30	20	13	7	10.7	5.3
31 to 40	31	22	9	18.2	6.9
41 to 50	23	15	8	12.4	6.1
51 to 60	57	29	28	24.0	21.4
61 to 70	42	16	26	13.2	19.9
71 to 80	38	11	27	9.1	20.6
over 80 yrs.	34	10	24	8.3	18.3

**TABLE 25** Extent of vision of persons accepted for Aid to the Blind during months July 1, 1954-June 30, 1955 by sex

Extent of Blindness	Both Sexes	Men	Women	Percent of Total	
				Men	Women
Total	252	121	131	100.	100.
1 Absolute blindness	24	9	15	7.4	11.5
2 Light Perception and/or Projection only	41	16	25	13.2	19.0
3 Motion Perception and form Perception up to but not including 5/200	48	23	25	19.0	19.0
4 5/200 up to but not including 10/200	39	12	18	10.0	14.0
5 10/200 up to but not including 20/200	41	21	20	17.4	15.3
6 20/200	48	27	21	22.3	16.0
7 Better than 20/200 with field limitation of not more than 20°	18	12	6	9.9	4.5
8 Unknown	2	1	1	.8	.7





**TABLE 26** Initial monthly payment to persons accepted for Aid to the Blind during the twelve months July 1954 through June 1955

<u>Amount of Monthly Grant</u>	<u>Number of Recipients</u>	<u>Percent of Total</u>
All Amounts	252	100.
Less than \$10.00	12	4.8
\$10.00 - \$19.99	11	4.3
\$20.00 - \$29.99	5	2.0
\$30.00 - \$39.99	12	4.8
\$40.00 - \$49.99	19	7.5
\$50.00 - \$59.99	27	10.7
\$60.00 - \$69.99	35	14.0
\$70.00 - \$79.99	31	12.3
\$80.00 - \$89.99	22	8.7
\$90.00 - \$99.99	19	7.5
\$100.00 and over	59	23.4

**TABLE 27** Financial support of new recipients July 1, 1954-June 30, 1955 previous to receipt of Aid to the Blind, by type of support & by sex

<u>Type of Support</u>	<u>Total Both Sexes</u>	<u>Men</u>	<u>Women</u>
	252	121	131
Old Age Assistance	20	6	14
Disability Assistance	3	1	2
General Public Welfare	16	6	10
Veterans' Services	2	1	1
Unemployment Compensation	7	7	0
OASI	27	12	15
RR Compensation	2	2	0
Pensions	8	4	4
Disability Insurance	1	1	0
Public Institutions	9	7	2
Home for Aged	1	0	1
Rentals	3	1	2
Schools (includes college, Perkins Inst.)	7	6	1
AB from another State	2	0	2
Housewife	24	0	24
Savings & gifts, annuities	28	7	21
Employed or out of employment for not more than year previous to receipt of aid	42	36	6
Dependent on Family	50	24	26

**TABLE 28** Nativity and birthplace of persons accepted for Aid to the Blind during months July 1, 1954-June 30, 1955

<u>Nativity and Birthplace</u>	<u>Number of Persons</u>	<u>Percent of Total</u>
Total	252	100.0
Native-born	177	70.2
Massachusetts	134	
Other N.E. States	19	
Other states	24	
Foreign-born	75	29.8
Canada	6	
England	5	
Ireland	4	
Italy--2		
Russia--3		
All Others--55		1/

1/Includes 13 foreign countries





TABLE 29 Distribution of the persons accepted for Aid to the Blind during months July 1, 1954-June 30, 1955, by site & type of affection, & by sex.

Site and Type of Affection	Total	Men	Women
Total	252	121	131
<u>Eyeball in general, Glaucoma</u>	41	19	22
Refractive Errors			
Myopia	15	9	6
Other refractive errors specified	1	1	0
Structural Anomalies			
Albinism	3	2	1
Megalophthalmos	3	1	2
Microphthalmos	1	1	0
Aniridia	2	0	2
Coloboma	1	1	0
Degenerative changes			
Disorganized eyeball	3	2	1
Other degenerative changes specified	1	1	0
Other affections of eyeball specified	1	0	1
Keratitis, interstitial	2	2	0
Keratitis, not specified	1	0	1
Ulceration and vascularization	1	0	1
Other affections of the cornea specified	4	3	1
Affections of cornea, not specified	4	0	4
Iris and ciliary body			
Iritis	1	1	0
Iridocyclitis and uveitis	5	1	4
Sympathetic ophthalmitis	3	2	1
Crystalline lens			
Cataract	36	11	25
Dislocated lens	1	1	0
Choroid and retina			
Chorioretinitis	8	5	3
Detached retina	4	2	2
Retinal hemorrhage	38	16	22
Retinal degeneration including retinitis pigmentosa	27	18	9
Arteriosclerotic disease of choroid and retina	5	1	4
Other affections of choroid and retina not specified	2	1	1
Optic nerve, visual pathway and cortical visual centers			
Optic nerve atrophy	24	14	10
Optic Neuritis	1	0	1
Papilledema	1	1	0
Retrobulbar & intracranial lesions	1	0	1
Other affections of the optic nerve, spec.	1	1	0
Affections of optic nerve, not spec.	1	1	0
Miscellaneous and ill defined			
Amblyopia, undefined	6	2	4





TABLE 30 Distribution of the persons accepted for Aid to the Blind during months July 1, 1954-June 30, 1955, by etiology of blindness  
1/by sex

Etiology	Total	Men	Women
Total	252	121	131
Infectious diseases			
Ophthalmia Neonatorum, type not specified	1	1	
Syphilis, prenatal	2	2	
" acquired after birth	2	1	1
" origin not specified	4	3	1
Other infectious diseases, specified	1	1	
Infectious diseases, not specified	6	2	4
Trauma			
Medical and surgical procedures	2		2
Trauma	2	2	
Other non-occupational activities, specified	1	1	
Non-occupational activities, not specified	1	1	
Trauma activities, not specified	1	1	
Poisonings			
Occupational activities	1	1	
Poisoning, non-occupational activities	1	1	
Neoplasma			
Neoplasms	1		1
Neoplasms, all types	6	3	3
General diseases (not elsewhere classified)			
Diabetes	35	16	19
Vascular diseases (including arteriosclerosis and other)			
Cerebral-vascular lesions	18	7	11
Diseases of pregnancy and childbirth	1	1	
Other general diseases, specified	5	3	2
Prenatal origin (not elsewhere classified)			
Hereditary origin, established	2	2	
" " presumed	25	18	7
Prenatal origin, cause not specified	8	5	3
Etiology undetermined or not specified			
Unknown to science	96	39	57
Undetermined by physician	22	9	13
Not specified			





TABLE 31 Employees and production by product and shop of manufacture, Massachusetts Division of the Blind,  
12 months ending June 30, 1955

SHOP	Number of Employees	Chairs Reseated	Tennis racquets Restrung	Brooms	Rubber Mats	Pillow- Cases	\$Value of Sub- Contract Projects
<u>TOTALS</u>	132	5,177	185	100,090	1,027	57,924	\$2,036.86
Cambridge Industries	66	-	-	81,082	-	-	-
Woolson House Industries	19	783	-	-	-	57,924	-
Fall River	10	644	-	8,748	-	-	-
Lowell	5	933	13	-	941	-	-
Pittsfield	10	278	57	10,260	-	-	-
Worcester	7	1,808	115	-	-	-	-
Springfield	15	731	-	-	86	-	\$2,036.86
Hand Woven Articles at Woolson House Industries.....						1,425	
Wet Mops at Cambridge Industries.....						108,088	
Priscilla Mops at Cambridge Industries.....						2,926	
Dusters at Cambridge Industries.....						488	
Consigned and Home Work Articles sold through outside sales and Blind Handcraft Shop						\$12,109.32	







## DIVISION OF LIBRARY EXTENSION

The end of the fiscal year brings with it an opportunity to take a backward over-all view of this agency's work during 1954-55; and to show how the staff carried out the basic statutory responsibilities with which the Division is charged.

In stimulating, developing and improving both library service and library personnel in public, school, state and county institution libraries, the staff uses various techniques and methods, - the informal advisory field visit, the formal written report or survey, correspondence, the telephone, office interviews and conferences, inter-library loans, talks to organized groups of various kinds and sizes, workshops and institutes, and the book-mobile. The wide variety of requests emanating from the state's 351 cities and towns and from many of the other forty-seven states attest to the role of the Division as a state-wide clearing house and information center on library matters and problems.

### STATISTICALLY SPEAKING

Three hundred and thirty-six of the state's three hundred and ninety-five libraries submitted annual report forms for the calendar year 1954. The total state-wide income for public library service in 1954 was \$10,957,701.40 - an increase of 4% over last year's figure. This raises the per capita library income figure for the state to \$2.34. Massachusetts will undoubtedly lead the parade of states again this year in per capita library income when the American Library Association and U.S. Office of Education compile statistical facts on library service in America. However, let us not forget that this per capita income figure drops down to \$1.44 when figured on the basis of the 290 libraries in 259 communities with a population of under 10,000. We still have 54% of our public libraries with a total operating budget of under \$5000; and 55% of our libraries which are open to the public less than 30 hours per week.

The book circulation figures showed an increase of 7% over the same figure for 1953 - so there is every indication that reading is holding its own despite the competition of television, drive-in theaters and the comics!

### HELP WANTED

The shortage of qualified librarians for public and school library positions continues to be a major problem for both the Division of Library Extension and local community library and school boards. In the period from July 1, 1954 to July 1, 1955 this Division with a small staff of twenty-five had a 44% turnover in personnel. Such a situation makes it extremely difficult to carry on a smooth running program which needs continuity of representation. The one accredited library school in the New England area does not produce sufficient library school graduates to satisfy the needs of Massachusetts libraries. In a large number of cases, it is not entirely a matter of librarians in short supply, it is also a case of inadequate library budgets which do not provide for a good library classification and pay plan.

If it is impossible for an accredited library school to attempt to cope with the obvious staff needs of the state's public libraries, a special effort will have to be made to produce qualified regular library workers as a result of some other training program.







The Division has endeavored to attack this knotty problem by conducting workshops and institutes which stretch travel funds so that as many libraries and librarians as possible can be reached.

In the spring of 1955, the short courses in elementary library techniques were again offered at Clark University - Evening Division in Worcester.

A special three week program in Elementary Library Techniques was planned for the 1955 summer session at the University of New Hampshire. To make it possible for untrained librarians in small public libraries in this state to avail themselves of this fine in-service training opportunity, the Massachusetts Library Aid Association, Inc. allocated six hundred dollars (\$600) to be offered as eight individual scholarships of seventy-five dollars. There were many applications for these scholarships and it was not difficult for the Division's Director, who is Chairman of the M.L. A.A.'s Committee on Aid to Small Libraries, to select eight worthy recipients.

#### BOOKS IN SHORT SUPPLY, TOO!

A careful study of our inter-library loan activities this year revealed the fact that this Division as a general average could supply and fill from our own collection only 33 1/3% of the titles requested by borrowing libraries throughout the state. For years our appropriation for books has been woefully inadequate - which, of course, accounts for our limited book resources.

An attempt is made to locate the remaining 66 2/3% of the titles requested by borrowing libraries in seven or eight larger public libraries and seven or eight college and special libraries in the Greater Boston area. Only one quarter of these many requests are thus filled. Though the libraries on which we call are exceedingly generous in lending, all too often inter-library loans cannot be filled in this manner either because the titles are not available locally or because regular demand for titles from local patrons will not permit the libraries to lend the books beyond the boundaries of their own communities.

In addition to the inter-library loan requests, the Division is called upon to furnish books for classroom collections in small communities; to provide books and related materials in the field of education for other Divisions in the Department of Education and to stock the three state regional library centers from which books are distributed directly via bookmobiles to over ninety of the smallest communities in the state.

We need a considerably increased appropriation for books as well as a re-examination of the complete structure of our inter-library loan system.

#### GOVERNOR'S ADMINISTRATIVE COMMISSION TO STUDY FINANCIAL NEEDS OF PUBLIC LIBRARIES

In January 1955, Governor Christian A. Herter appointed an Administrative Commission to Study the Financial Needs of Public Libraries. Serving on this Committee are: Dr. Paul Buck, Chairman - Director of Libraries, Harvard University; Channing L. Bete, Greenfield; Rev. Terence Connolly, Boston College; Philip McNiff, Lamont Library, Harvard University; Dr. Abram L.



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Sachar, Brandeis University; and Mrs. George R. Wallace, Fitchburg. The Division Director has been invited to attend several of the Commission's regular meetings and has supplied the group with statistical tabulations on state-wide public library service and other factual data concerning the Division's regular and regional services and activities.

This Commission is a fact-finding body working in an objective manner. Their recommendations and suggestions will be valuable in assisting this agency to lay out the best guide lines for future development of public library service.

#### PRISON LIBRARY SURVEYS

At the request of Mr. Robert G. Vickery, Supervisor of Education in the Department of Correction, the Division surveyed thoroughly the library facilities and book collections of the male penal institutions and prepared written reports for the Commissioner of Correction on the libraries at Charlestown State Prison, Concord Reformatory and the Norfolk Prison Colony. The survey was undertaken as a first step in a long-range program of improvement in Massachusetts prison libraries.

Under the co-sponsorship of this Division and the Department of Correction a drive was launched to encourage donations to prison libraries of good current adult fiction and non-fiction which had been accepted as gifts by public libraries in the Greater Boston area and were not needed there.

Arrangements were also effected for regular supplementary loan collections of several hundred books to be sent periodically from this Division to the libraries at Charlestown State Prison and the Norfolk Prison Colony.

It is regrettable that a beachhead in this vital area of prisoner rehabilitation in the state was established and then left unoccupied by the resignation of Mr. Vickery in June 1955. The circulation of books among the inmates at Charlestown and Norfolk attested to the fact that the men were hungry for current reading materials on all sorts of subjects. It was most gratifying to note that the so-called self-help and self-analysis books were in greatest demand.

#### STATE REGIONAL LIBRARY CENTERS AT FALL RIVER, GREENFIELD AND PITTSFIELD

The record of achievements which the "new look" State Regional Library Center at Greenfield rolled up in its first full year of operation is a most noteworthy one. Librarians, library trustees, and library patrons received the services with great interest and enthusiasm as the much needed booster shot to local library services which are necessarily restricted by limited local financial resources.

During the past fiscal year almost 200 different groups have borrowed the 125-16mm educational films which were available. These films were shown 1500 times to a total audience of over 69,000 people.

Over 9,000 books were circulated monthly to libraries, schools and deposit stations. This figure could easily be doubled or tripled if a greater number of books were available. At all the schools, it is necessary to limit the books sometimes to less than one per student.







The State Regional Library Centers at Fall River and Pittsfield also reported skyrocketing circulation figures and a drastic need for more books as hundreds of special requests must be turned down each month. One regional librarian indicated that we can not afford to make our regional service any more attractive until we have a greater supply of books and related materials which are our stock in trade.

#### WHAT NOW AND LATER?

Massachusetts citizens are entitled to the best library service that it is humanly possible to attain. If we accept the cold bare statistics on our state-wide library service without evaluating those statistics in terms of the people they represent, professional hardening of the arteries might set in slowly but surely in this state.

Those of us who are closely associated with the state's libraries are well aware of strengths and weaknesses not always apparent in statistics and not easily measurable by the criteria used generally for evaluation.

Percentage wise a relatively small group of our Massachusetts citizens have access to a high quality of library service. A considerably larger percent are offered an uneven and unequal kind of service.

There are many basic problems involved in our library extension service. These are all interlinked. Keeping the development and strengthening of larger units of service as our goal, we need to work out professionally good and applicable qualitative standards tailored to our particular situation in this state and meeting its special needs.

The future of any agency is longer than its past! If we are to continue to reflect credit on our supporting institution - this great Commonwealth - we must have increased financial support, more adequate and better equipped physical quarters and a classification and pay plan revised upward so that we can hold our good people and thus assure a continuance of a really good program.

#### OUTLINE OF SERVICES AND ACTIVITIES July 1, 1954 - June 30, 1955

##### INFORMATION AND ADVISORY SERVICES

Collection, tabulation and compilation of public library statistics for 1954.

Preparation and distribution of Division's News Letter and 65th Annual Report of the Board of Library Commissioners.

Three hundred thirty-five (335) office conferences scheduled with librarians, trustees, and friends of libraries.

Fifty-four (54) librarians and ninety-two (92) position vacancies registered for placement assistance.

Seventy-four (74) comparative tables on salaries, hours of work, vacation and ill-time and other standards of service, finance and working conditions compiled upon special request.

Twelve (12) library surveys conducted upon request and submitted in written form to Boards of Library Trustees.

Ten (10) special meetings of Boards of Trustees attended upon special invitation.







## BOOK SERVICE ACTIVITIES

### FROM HEADQUARTERS IN BOSTON

Monthly issues of Selected Reading List of Books compiled and distributed.

Semi-annual lists of adult non-fiction accessions issued for inter-library loan use.

One hundred fifty-seven (157) schools in small communities furnished with classroom collections of books.

Fifteen (15) special book exhibits assembled for Department of Education workshops, institutes and conferences.

Numerous special subject bibliographies compiled at request of local libraries, PTA's, the U.S. Extension Service at Amherst.

To 233 public, 157 school and 20 state institution libraries, 25,704 books were circulated by mail. Included in this figure was 291 collections of books in fifteen foreign languages.

Four hundred sixty-three (463) reference requests were handled.

Under the State Certificate Reading Program:

The 1954 Supplement of the State Certificate Reading List was issued.

641 copies of the State Certificate Reading Lists were sent to 489 schools and public libraries.

4,024 twenty-book Honor Certificates and 20,038 five-book regular certificates were awarded.

### FROM THE STATE REGIONAL LIBRARY CENTERS:

	Fall River*	Greenfield	Pittsfield
Miles traveled by bookmobiles	4,175	12,514	8,602
Days of travel	71	175	134
Number of towns served	18	39	36
Reference requests	808	1,851	6,245
Books circulated	54,010	111,257	89,232

## FIELD SERVICE ACTIVITIES

Two hundred forty (240) advisory visits to libraries and State Regional Library Centers.

Forty-four (44) meetings of library clubs, associations and related groups attended.

Eighty-one (81) talks given by staff members.

Twelve film programs scheduled in Greenfield area.

## IN-SERVICE TRAINING ACTIVITIES

Ten (10) Book Review Sessions held in Greenfield area.

Ten (10) Workshops and Institutes held on Book Discarding, Reference, Book Selection, Library Service to Children and Young People, Story-telling, Mending, and Displays.

A University Extension course in Reference offered beginning in October 1954 and running for fifteen successive weeks.

Three short courses in elementary library techniques offered by Clark University - Evening Division were attended by over forty librarians from Central Massachusetts.

## PUBLICITY AND PUBLIC RELATIONS

During the year the Division actively cooperated with such agencies as the Massachusetts Civil Rights Week Commission, the Massachusetts UN Day Committee, the World Affairs Council, the Massachusetts Federation of Labor, the World Citizenship Committee of the Massachusetts Home Demonstration Council,

\* For 7½ month period between July 1, 1954 and February 15, 1955





the Pan-American Society of New England, the Book Liaison Committee of Publishers and Librarians, WGML-TV Channel 2 and many professional organizations.

An attractive final printed report of the Western Massachusetts Library Federation was prepared by the Supervisor of Field Services.

The Director by invitation was a special lecturer at the Institute on American Public Librarianship sponsored by the American Library Association - International Relations Board and the U. S. Department of State and conducted at Simmons College in Boston.

Two groups of Connecticut legislators and library trustees visited the Greenfield Regional Office on September 29 and December 9, 1954.

These visits were written up in the December issue of the Connecticut State Journal and the December issue of the Bulletin of the Connecticut Library Association.

Staff members of the Greenfield office participated in five radio broadcasts from Station WHAY.

Two feature articles on bookmobiling and the public libraries film cooperative appeared in November issues of the Christian Science Monitor.

#### CERTIFICATION OF LIBRARIANS

On November 17, 1954 the Board of Library Commissioners scheduled an examination for the certification of professional librarians. There were twelve (12) examination candidates.

Certificates of librarianship were awarded during the year as follows:

- 4 Professional Certificates on basis of graduation from library school.
- 8 Professional Certificates on basis of examination.
- 4 Sub-professional certificates.
- 1 Replacement certificate.



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## Division of Special Education

### Report of Progress

December 1, 1955

On August 26, 1954 the Division of Special Education came into being. Previously, His Excellency, Christian A. Herter, Governor of the Commonwealth of Massachusetts, signed into law on May 28, 1954, Chapter 514 of that year.

Since the organization of the Division of Special Education, twenty-three regulations governing the organization and administration of special classes for mentally retarded children have been written and adopted by the Board of Education and disseminated to superintendents of schools, school committeemen, and all other interested parties throughout the Commonwealth of Massachusetts. Additional classes for the training and instruction of both educable and trainable mentally retarded children have been started while many others are in the process of organization. The annual census of mentally retarded children, mandatory under the provisions of General Laws, Chapter 71, Section 46, is being conducted by the cities and towns in the state. Much progress is noted in this particular area.

The identification of mentally retarded children is being carried out by school psychologists under Regulation No. 4, pursuant to General Laws, Chapter 71, Section 46. Ninety-one local school psychologists have been approved by both the Departments of Education and Mental Health under the provisions of Regulation No. 23, pursuant to the previously referred to statute. School psychologists are replacing the travelling school clinics which have been in existence for more than three decades, but which became inadequate because of lack of personnel. Many prospective school psychologists are taking courses to meet the high standards set up by both Departments. It is anticipated that, in the near future, a sufficient supply of highly skilled psychologists will meet the many demands made for their services throughout the state. The Department of Education in an endeavor to meet the demands for qualified psychologists, has organized a special program for the training of school psychologists at the North Adams State Teachers College. Special courses in other State Teachers Colleges are being planned and will be offered to those who are desirous of entering this important field. Forms for requests for reimbursement for special classes, for transportation of both mentally and physically handicapped children, for the inspection of local special classes, have been adopted by the Board of Education and are now in use. The Curriculum Guide for Special Classes, which is being prepared under the leadership of Dr. Cashman, will be ready for the printer and should be in the hands of special class teachers throughout the state during the present school year.

The proper training of special class teachers is continuing in a satisfactory manner. The special program at Fitchburg State Teachers



THE HISTORY OF THE  
CITY OF BOSTON

FROM 1630 TO 1830

By JOHN B. BOWEN, Esq.  
OF THE BOSTON BAR.

THE HISTORY OF THE CITY OF BOSTON, FROM 1630 TO 1830, is a work of great interest and value. It is a history of the city of Boston, from its first settlement in 1630 to the present time. The author, John B. Bowen, Esq., is a member of the Boston Bar, and has written many other works of interest and value. This history is a valuable work, and is well worth the attention of every one who is interested in the history of the city of Boston.

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College is growing annually, while special courses for teachers who are desirous of entering the special class program are being offered in our State Teachers Colleges and in various parts of the state under the Division of University Extension. Refresher courses for special class teachers are offered in like manner.

Many communities are availing themselves of the provisions of Chapter 703 of the Acts of 1950 and are paying their special class teachers additional salaries above those paid to teachers of regular classes. Following is a list of the cities and towns paying a differential to special class teachers:

Name	Amount	Name	Amount
Aston	\$500.	Milton	\$500.
Adams	100.	Montague	200.
Agawam	300.	Natick	500.
Athol	250.	Needham	500.
Boston	288.	New Bedford	300.
Braintree	200.-340.	Newburyport	200.
Brockton	200.	Northampton	500.
Brookline	200.	North Attleboro	500.
Burlington	160.	Peabody	500.
Chelsea	500.	Pittsfield	500.
Chicopee	500.	Plymouth	500.
Danvers	100.	Quincy	300.
Dartmouth	200.	Reading	500.
Dracut	500.	Revere	200.
Easthampton	500.	Rockland	200.
Everett	500.	Salem	200.
Fairhaven	225.	Saugus	500.
Fall River	240.	Scituate	500.
Fitchburg	500.	Seekonk	500.
Framingham	200.	Shrewsbury	200.
Franklin	500.	Southbridge	100.
Gloucester	200.	Southwick	200.
Great Barrington	500.	Springfield	200.
Greenfield	200.	Stoughton	200.
Harwich	200.	Taunton	200.
Holyoke	250.	Tewksbury	500.
Lawrence	200.	Wakefield	500.
Leominster	100.	Waltham	500.
Lowell	500.	Ware	300.
Ludlow	350.	Watertown	200.
Lynn	350.	Wayland	500.
Malden	400.	Westfield	500.
Marblehead	300.	West Springfield	250.
Medford	200.	Weymouth	500.
Methuen	200.	Wilmington	500.
Milford	500.	Winchendon	500.
Millbury	250.	Winthrop	200.
		Worcester	300.





For the first time in the history of the state of Massachusetts, local communities are reimbursed for at least one-half the cost of maintaining special classes under the provisions of Chapter 69, Section 29B. Following is a list of the cities and towns receiving reimbursements with the amounts received by each:

Name	Amount	Name	Amount
Acton	1465.00	Pitchburg	12768.38
Acushnet	379.79	Frammingham	5396.00
Adams	1200.86	Franklin	1727.04
Andover	4466.00	Gardner	53.59
Arlington	16759.16	Gill	192.94
Ashland	217.50	Gloucester	8570.85
Athol	2049.85	Great Barrington	2134.02
Attleboro	2792.28	Greenfield	8227.61
Auburn	2168.77	Hanson	1623.46
Bedford	202.48	Harvard	26.25
Belmont	3528.77	Harwich	2529.01
Berkley	7.50	Haverhill	12838.75
Bernardston	162.96	Hingham	193.53
Beverly	11807.11	Holden	255.25
Billerica	1814.17	Holyoke	15221.79
Boston	281760.40	Hudson	98.99
Braintree	9964.82	Ipswich	125.00
Brockton	16317.31	Lancaster	470.26
Brookline	8781.11	Lawrence	15787.91
Burlington	1852.50	Leicester	2279.70
Cambridge	26368.12	Leominster	5140.37
Canton	127.88	Lexington	4890.99
Chelsea	12331.50	Leyden	215.70
Chicopee	11670.82	Lowell	10628.18
Clinton	755.27	Ludlow	2110.72
Concord	237.75	Lynn	48800.50
Danvers	2629.00	Malden	28300.24
Dartmouth	3556.74	Mansfield	562.50
Dedham	346.73	Marblehead	2529.50
Deerfield	842.44	Marlboro	2211.97
Dighton	217.50	Maynard	402.50
Douglas	542.00	Medford	10994.85
Dover	62.50	Melrose	5888.70
Dudley	438.28	Methuen	1950.00
East Longmeadow	87.50	Milford	2133.32
Easthampton	1753.41	Millbury	1214.20
Easton	279.20	Milton	4379.06
Erving	83.89	Montague	5072.69
Everett	9987.27	Natick	5131.05
Fall River	44905.25	Needham	2948.29
Fairhaven	2156.59	New Bedford	65183.90



The following is a list of the names of the persons who have been admitted to the membership of the Society since the last meeting, and the names of the persons who have been expelled from the membership of the Society since the last meeting.

Admitted		Expelled	
Mr. J. A. Smith	1885	Mr. J. B. Jones	1885
Mr. W. C. Brown	1886	Mr. T. E. White	1886
Mr. R. D. Green	1887	Mr. S. F. Black	1887
Mr. L. H. Gray	1888	Mr. M. G. Gold	1888
Mr. K. I. Silver	1889	Mr. N. J. Iron	1889
Mr. P. Q. Copper	1890	Mr. O. L. Lead	1890
Mr. U. V. Tin	1891	Mr. X. Y. Zinc	1891
Mr. Z. A. Nickel	1892	Mr. B. C. Cobalt	1892
Mr. D. E. Manganese	1893	Mr. F. G. Cadmium	1893
Mr. H. I. Magnesium	1894	Mr. J. K. Barium	1894
Mr. L. M. Strontium	1895	Mr. N. O. Calcium	1895
Mr. P. Q. Potassium	1896	Mr. R. S. Sodium	1896
Mr. T. U. Ammonium	1897	Mr. V. W. Lithium	1897
Mr. X. Y. Rubidium	1898	Mr. Z. A. Cesium	1898
Mr. B. C. Francium	1899	Mr. D. E. Actinium	1899
Mr. F. G. Thorium	1900	Mr. H. I. Radium	1900
Mr. J. K. Uranium	1901	Mr. L. M. Plutonium	1901
Mr. N. O. Neptunium	1902	Mr. P. Q. Americium	1902
Mr. R. S. Curium	1903	Mr. T. U. Berkelium	1903
Mr. V. W. Californium	1904	Mr. X. Y. Einsteinium	1904
Mr. Z. A. Fermium	1905	Mr. B. C. Mendelevium	1905
Mr. D. E. Nobelium	1906	Mr. F. G. Lawrencium	1906
Mr. H. I. Rutherfordium	1907	Mr. J. K. Dubnium	1907
Mr. L. M. Seaborgium	1908	Mr. N. O. Bohrium	1908
Mr. P. Q. Hassium	1909	Mr. R. S. Meitnerium	1909
Mr. T. U. Darmstadtium	1910	Mr. V. W. Roentgenium	1910
Mr. X. Y. Copernicium	1911	Mr. Z. A. Dubnium	1911
Mr. B. C. Livermorium	1912	Mr. D. E. Tennessium	1912
Mr. F. G. Oganesson	1913	Mr. H. I. Moscovium	1913
Mr. J. K. Tennessium	1914	Mr. L. M. Darmstadtium	1914
Mr. N. O. Copernicium	1915	Mr. P. Q. Livermorium	1915
Mr. R. S. Oganesson	1916	Mr. T. U. Tennessium	1916
Mr. V. W. Moscovium	1917	Mr. X. Y. Darmstadtium	1917
Mr. Z. A. Livermorium	1918	Mr. B. C. Tennessium	1918
Mr. D. E. Oganesson	1919	Mr. F. G. Moscovium	1919
Mr. H. I. Darmstadtium	1920	Mr. J. K. Livermorium	1920
Mr. L. M. Tennessium	1921	Mr. N. O. Oganesson	1921
Mr. P. Q. Moscovium	1922	Mr. R. S. Darmstadtium	1922
Mr. T. U. Livermorium	1923	Mr. V. W. Tennessium	1923
Mr. X. Y. Oganesson	1924	Mr. Z. A. Moscovium	1924
Mr. B. C. Darmstadtium	1925	Mr. D. E. Livermorium	1925
Mr. F. G. Tennessium	1926	Mr. H. I. Oganesson	1926
Mr. J. K. Moscovium	1927	Mr. L. M. Darmstadtium	1927
Mr. N. O. Livermorium	1928	Mr. P. Q. Tennessium	1928
Mr. R. S. Oganesson	1929	Mr. T. U. Moscovium	1929
Mr. V. W. Darmstadtium	1930	Mr. X. Y. Livermorium	1930
Mr. Z. A. Tennessium	1931	Mr. B. C. Oganesson	1931
Mr. D. E. Moscovium	1932	Mr. F. G. Darmstadtium	1932
Mr. H. I. Livermorium	1933	Mr. J. K. Tennessium	1933
Mr. L. M. Oganesson	1934	Mr. N. O. Moscovium	1934
Mr. P. Q. Darmstadtium	1935	Mr. R. S. Livermorium	1935
Mr. T. U. Tennessium	1936	Mr. V. W. Oganesson	1936
Mr. X. Y. Moscovium	1937	Mr. Z. A. Darmstadtium	1937
Mr. B. C. Livermorium	1938	Mr. D. E. Tennessium	1938
Mr. F. G. Oganesson	1939	Mr. H. I. Moscovium	1939
Mr. J. K. Darmstadtium	1940	Mr. L. M. Livermorium	1940
Mr. N. O. Tennessium	1941	Mr. P. Q. Oganesson	1941
Mr. R. S. Moscovium	1942	Mr. T. U. Darmstadtium	1942
Mr. V. W. Livermorium	1943	Mr. X. Y. Tennessium	1943
Mr. Z. A. Oganesson	1944	Mr. B. C. Moscovium	1944
Mr. D. E. Darmstadtium	1945	Mr. F. G. Livermorium	1945
Mr. H. I. Tennessium	1946	Mr. J. K. Oganesson	1946
Mr. L. M. Moscovium	1947	Mr. N. O. Darmstadtium	1947
Mr. P. Q. Livermorium	1948	Mr. R. S. Tennessium	1948
Mr. T. U. Oganesson	1949	Mr. V. W. Moscovium	1949
Mr. X. Y. Darmstadtium	1950	Mr. Z. A. Livermorium	1950
Mr. B. C. Tennessium	1951	Mr. D. E. Oganesson	1951
Mr. F. G. Moscovium	1952	Mr. H. I. Darmstadtium	1952
Mr. J. K. Livermorium	1953	Mr. L. M. Tennessium	1953
Mr. N. O. Oganesson	1954	Mr. P. Q. Moscovium	1954
Mr. R. S. Darmstadtium	1955	Mr. T. U. Livermorium	1955
Mr. V. W. Tennessium	1956	Mr. X. Y. Oganesson	1956
Mr. Z. A. Moscovium	1957	Mr. B. C. Darmstadtium	1957
Mr. D. E. Livermorium	1958	Mr. F. G. Tennessium	1958
Mr. H. I. Oganesson	1959	Mr. J. K. Moscovium	1959
Mr. L. M. Darmstadtium	1960	Mr. N. O. Livermorium	1960
Mr. P. Q. Tennessium	1961	Mr. R. S. Oganesson	1961
Mr. T. U. Moscovium	1962	Mr. V. W. Darmstadtium	1962
Mr. X. Y. Livermorium	1963	Mr. Z. A. Tennessium	1963
Mr. B. C. Oganesson	1964	Mr. D. E. Moscovium	1964
Mr. F. G. Darmstadtium	1965	Mr. H. I. Livermorium	1965
Mr. J. K. Tennessium	1966	Mr. L. M. Oganesson	1966
Mr. N. O. Moscovium	1967	Mr. P. Q. Darmstadtium	1967
Mr. R. S. Livermorium	1968	Mr. T. U. Tennessium	1968
Mr. V. W. Oganesson	1969	Mr. X. Y. Moscovium	1969
Mr. Z. A. Darmstadtium	1970	Mr. B. C. Livermorium	1970
Mr. D. E. Tennessium	1971	Mr. F. G. Oganesson	1971
Mr. H. I. Moscovium	1972	Mr. J. K. Darmstadtium	1972
Mr. L. M. Livermorium	1973	Mr. N. O. Tennessium	1973
Mr. P. Q. Oganesson	1974	Mr. R. S. Moscovium	1974
Mr. T. U. Darmstadtium	1975	Mr. V. W. Livermorium	1975
Mr. X. Y. Tennessium	1976	Mr. Z. A. Oganesson	1976
Mr. B. C. Moscovium	1977	Mr. D. E. Darmstadtium	1977
Mr. F. G. Livermorium	1978	Mr. H. I. Tennessium	1978
Mr. J. K. Oganesson	1979	Mr. L. M. Moscovium	1979
Mr. N. O. Darmstadtium	1980	Mr. P. Q. Livermorium	1980
Mr. R. S. Tennessium	1981	Mr. T. U. Oganesson	1981
Mr. V. W. Moscovium	1982	Mr. X. Y. Darmstadtium	1982
Mr. Z. A. Livermorium	1983	Mr. B. C. Tennessium	1983
Mr. D. E. Oganesson	1984	Mr. F. G. Moscovium	1984
Mr. H. I. Darmstadtium	1985	Mr. J. K. Livermorium	1985
Mr. L. M. Tennessium	1986	Mr. N. O. Oganesson	1986
Mr. P. Q. Moscovium	1987	Mr. R. S. Darmstadtium	1987
Mr. T. U. Livermorium	1988	Mr. V. W. Tennessium	1988
Mr. X. Y. Oganesson	1989	Mr. Z. A. Moscovium	1989
Mr. B. C. Darmstadtium	1990	Mr. D. E. Livermorium	1990
Mr. F. G. Tennessium	1991	Mr. H. I. Oganesson	1991
Mr. J. K. Moscovium	1992	Mr. L. M. Darmstadtium	1992
Mr. N. O. Livermorium	1993	Mr. P. Q. Tennessium	1993
Mr. R. S. Oganesson	1994	Mr. T. U. Moscovium	1994
Mr. V. W. Darmstadtium	1995	Mr. X. Y. Livermorium	1995
Mr. Z. A. Tennessium	1996	Mr. B. C. Oganesson	1996
Mr. D. E. Moscovium	1997	Mr. F. G. Darmstadtium	1997
Mr. H. I. Livermorium	1998	Mr. J. K. Tennessium	1998
Mr. L. M. Oganesson	1999	Mr. N. O. Moscovium	1999
Mr. P. Q. Darmstadtium	2000	Mr. R. S. Livermorium	2000

<u>Name</u>	<u>Amount</u>	<u>Name</u>	<u>Amount</u>
Newburyport	6701.64	Spencer	432.00
Newton	31284.94	Springfield	82780.07
North Adams	6860.30	Stoneham	371.23
North Andover	1900.00	Stoughton	2175.12
North Attleboro	2170.89	Sunderland	153.38
Northampton	2514.96	Sutton	45.00
Northbridge	1910.32	Swansea	180.62
Northboro	234.00	Taunton	10054.53
Norwood	2553.95	Tewksbury	1773.36
Oxford	544.85	Townsend	866.92
Peabody	2543.41	Uxbridge	105.00
Pittsfield	4671.11	Wakefield	4038.10
Plymouth	7626.17	Waltham	19966.64
Provincetown	25.94	Ware	1831.55
Quincy	17899.16	Watertown	7809.63
Randolph	707.50	Wayland	3257.24
Reading	2326.33	Wellesley	316.25
Revere	26382.70	West Springfield	13079.45
Rockland	2187.55	Westfield	2376.75
Rowley	45.00	Weston	108.00
Rutland	17.00	Westport	592.00
Salem	4734.31	Westwood	328.02
Saugus	2309.31	Weymouth	12910.58
Scituate	2012.80	Williamstown	2548.58
Seekonk	1602.42	Wilmington	2489.30
Shrewsbury	1706.20	Winchendon	3727.25
Somerset	329.50	Winchester	785.65
Somerville	31090.74	Winthrop	4206.33
South Hadley	1584.47	Woburn	4010.98
Southwick	1862.18	Worcester	71604.42

TOTAL.... 1,211,451.14

PERSONNEL

Since the organization of the Division of Special Education, progress has been made in providing personnel to carry out the mandate of the legislature. We cannot over-emphasize the fact that if our mentally and physically handicapped children are to be given the training and instruction which their condition demands and which is, in the final analysis, part of their heritage, we must take immediate steps to staff the Division of Special Education in keeping with our previous recommendations.

The Division of Special Education now consists of:

Director - Dr. Philip G. Cashman  
 Senior Supervisor - Dr. Nicholas J. Wells







Present Personnel (Continued)

Supervisor Catherine G. Fitzgerald  
Supervisor Joseph C. Lonergan  
Assistant Supervisor Serena M. Cummings  
Junior Accountant - Richard W. Carlson  
Senior Clerk-Stenographer - Alice C. Breen

It is our opinion that the present staff while rendering the most commendable type of service, is still inadequate to meet the ever-growing demands of our physically and mentally handicapped children and the school systems in the 351 cities and towns of this state.

We believe that another senior supervisor is necessary to do research, act as a liaison officer between education and the workaday world, develop placement programs, and participate in follow-up studies. We believe, also, that three new supervisors should be added, one of whom shall be charged with the responsibility of directing and supervising the education of all children in classes for trainable mentally retarded children. The other two supervisors would fill the important role of directing and supervising the education of all children enrolled in classes for educable mentally retarded children. The entire five supervisors should spend all of their time out in the field, aiding local communities in conducting the annual census, assisting in the organization and administration of special classes, directing and supervising the training of all children enrolled in such classes, planning and conducting conferences for school committeemen, superintendents of schools, guidance officers, principals, and teachers and arranging for conferences for the parents of such children. Such supervisors would be expected to plan and conduct in-service training courses for the teachers of special classes. An important part of their job would be coordinating all the available facilities to the end that our mentally handicapped children would be recipients of a maximum amount of education and training.

At the present time we have one assistant supervisor in charge of the training of the blind and those children with impaired vision. The incumbent, Miss Serena Cummings, is doing an exceptionally fine piece of work for the blind and those with impaired vision. The day classes for the blind, which now exist in Boston and Malden, are evidence of the leadership and inspiration which our blind children are receiving. In addition to these two classes, more than ten blind children are receiving instruction in braille while enrolled in their regular classes. This is a magnificent step forward and will, no doubt, grow and continue to flourish under such devoted leadership. In addition to these programs there are blind children who are attending public high schools, whose attendance and adjustment in such schools are made possible through the services of readers and special equipment furnished by the state under the direction of our assistant supervisor in charge of the blind and those with impaired vision.



General Instructions

1. The purpose of this document is to provide a clear and concise summary of the information contained in the attached report.

2. The information contained in this document is for your information only and should not be used for any other purpose.

3. The information contained in this document is for your information only and should not be used for any other purpose.

4. The information contained in this document is for your information only and should not be used for any other purpose.

The same type of education should be given those children who are deaf and hard of hearing. This can be done only by having a separate supervisor charged with that responsibility, added to the personnel of the Division of Special Education.

We believe that a supervisor of all other physically handicapped children should be appointed to the Division. Such a supervisor would be in charge of instruction for children who are homebound, in hospitals, sanatoria, convalescent homes, and other like institutions. We believe, also, that a supervisor in charge of reimbursements should be added to the staff of the Division of Special Education. Such a person would be responsible for checking every request made for reimbursement. Such a check would include a visit to the local communities to inspect the equipment and materiel for which reimbursement is being requested.

In conclusion we are happy to state that, great progress has been made by the Division of Special Education since the passage of Chapter 514 of the Acts of 1954. With the unstinted cooperation which has been given us on all occasions by the Board of Education and by Commissioner of Education, Dr. John J. Desmond, Jr., we are confident that great strides will be made in the future.



The first part of the report is devoted to a general survey of the situation in the country. It is followed by a detailed account of the work done during the year. The report concludes with a summary of the results and a list of references.

The second part of the report is devoted to a detailed account of the work done during the year. It is divided into several sections, each dealing with a different aspect of the work. The first section deals with the general survey of the situation in the country. The second section deals with the work done during the year. The third section deals with the results of the work. The fourth section deals with the list of references.

The third part of the report is devoted to a detailed account of the work done during the year. It is divided into several sections, each dealing with a different aspect of the work. The first section deals with the general survey of the situation in the country. The second section deals with the work done during the year. The third section deals with the results of the work. The fourth section deals with the list of references.

Schools and Classes	Enrollment 1954-55 School Year	Enrollment		State Expenditures for Tuition and Transportation		Anticipated Enrollment and Expenditures for School Year 1955-56	
		Boarding Pupils	Day Pupils	\$		Boarding Day	
						Enrollment	Expenditures
		Pupils	Pupils			Pupils	Pupils
<b>BLIND</b>							
Connecticut Institute	1	1	-	1,479.28	1	1	1,700.00
Perkins School	166	139	27	263,518.95	169	141	335,000.00
<b>DAY CLASSES</b>							
Boston	6	-	6	6,893.21	8	-	8,000.00
Malden	5	-	5	4,303.15	6	-	5,000.00
Sight-Saving Classes	344	-	344	18,500.00	345	-	18,500.00
Individual Instruction for Blind Children-Public Schools	7	-	7	2,459.73	13	-	7,500.00
<b>DEAF</b>							
American*	46	46	-	62,661.14	52	52	73,000.00
Beverly	97	85	12	130,772.42	93	80	136,000.00
Boston	161	139	22	202,300.50	170	144	218,000.00
Clarke	107	102	5	167,702.85	107	101	168,000.00
<b>DAY CLASSES</b>							
Horace Mann	110	-	110	136,933.54	110	-	140,000.00
Lynn	5	-	5	7,282.51	5	-	8,000.00
New Bedford	3	-	3	4,359.24	3	-	5,000.00
Pittsfield	5	-	5	5,030.60	5	-	5,000.00
Springfield	5	-	5	4,744.76	5	-	5,000.00
Waltham	10	-	10	5,705.45	10	-	6,000.00
Worcester	10	-	10	12,156.05	10	-	12,000.00
	1088	512	576	1,036,904.38	1112	519	1,151,700.00

\* Include Massachusetts children at the American School, West Hartford, Connecticut.

The amount of \$9,427.42 was reimbursed to cities and towns and individuals transporting deaf and blind children to schools and classes. In addition, \$2,343.18 was expended for Braille books, and \$1,250.00 for large type books.

*Special Education*





THE COMMONWEALTH OF MASSACHUSETTS

Forty-First Annual Report of the Teachers' Retirement Board  
for the period January 1, 1954, to December 31, 1954

During the year 1954 there were 2,720 teachers who entered the service of the public schools of Massachusetts for the first time and were required to become members of the Retirement System. There were also 749 former members who reentered the service and were reinstated as members. The deposits received for the year to be credited to the accounts of the members amounted to \$5,701,493.09. The net interest received on the investments was \$2,220,132.25. During the year 1,662 teachers who had left the service, withdrew their funds, amounting to \$802,447.31. Payments amounting to \$144,000.19 were made to the beneficiaries or estates of members who died before retirement. On December 31, 1954, there were 27,060 members in active service with deductions and interest to their credit amounting to \$64,483,469.53. On December 31, 1954, there were also 1,791 teachers who had left the service without withdrawing their funds, which amounted to \$1,067,792.52.

There were 362 retirements during the calendar year 1954. The annual retirement allowances of these persons amounted to \$894,031.92 of which \$170,403.84 was annuity derived from the deductions and interest which they had to their credit at retirement, and the balance, \$723,628.08 was pension payable from State appropriations.



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Eleven of the retired members who died during the year had elected the Option (c) form of retirement allowance and, in accordance with the provisions of that option, their beneficiaries became entitled to annual retirement allowances the total of which amounted to \$12,873.84 of which \$2,790.00 was annuity and \$10,083.84 was pension. Ten of the members who died before retirement had appointed a Member Survivor Allowance beneficiary under Section 12(2) Option (d) and, in accordance with that option, their beneficiaries became entitled to annual retirement allowances amounting to \$11,650.32 of which \$4,748.88 was annuity and \$6,901.44 was pension. In the case of fifteen other persons who died prior to retirement, the spouse of the deceased members elected to receive a Member Survivor Allowance under said Section 12(2) Option (d), instead of the cash refund of the amount the member had to his credit in the Retirement Fund. The annual retirement allowances of these persons amounted to \$10,743.84 of which \$2,917.44 was annuity and \$7,826.40 was pension.

On December 31, 1954, there were 4,721 retired members living and their retirement allowances amounted to \$8,696,638.08 of which \$1,846,115.76 was annuity derived from the deductions and interest to their credit at retirement, and \$6,850,522.32 was pension payable from State appropriations. In addition, there were thirty-eight beneficiaries of members receiving Option (c) Member Survivor allowance payments. Their retirement allowances amounted to \$48,034.80, of which \$12,496.32 was annuity and \$35,538.48 was pension.





There were also thirty-five persons appointed by members as beneficiaries who were receiving Option (d) Member Survivor Allowance payments. Their retirement allowances amounted to \$41,179.68, of which \$14,979.84 was annuity and \$26,199.84 was pension. There were also seventy-six persons who, as the spouse of members who died before retirement, elected a Member Survivor Allowance under Section 12(2) Option (d) and their annual retirement allowances amounted to \$58,838.40 of which \$17,523.60 was annuity and \$41,314.80 was pension.

On December 31, 1954, claims for reimbursement have been received as follows:

Boston Retirement Board	\$393,586.20
Boston School Committee	404,559.26
State-Boston Retirement System	1,099,262.10
Brookline	3,600.00
Cambridge	6,923.00
Milton	5,107.50
Wellesley	<u>4,275.00</u>
Total	\$1,917,313.06

The amount of reimbursement to be paid on account of the above amounts has not been determined.

Respectfully submitted,

John J. Desmond, Jr., Commissioner  
Raymon W. Eldridge  
Mildred B. Jenks



and the following is a list of the names of the persons who have been  
admitted to the office of the Secretary of the Board of Education  
of the City of New York since the 1st of January, 1877, to the  
1st of January, 1878. The names are arranged in alphabetical order  
of the surnames. The names of the persons who have been admitted  
to the office of the Secretary of the Board of Education of the City  
of New York since the 1st of January, 1877, to the 1st of January,  
1878, are as follows:

ALBANY, N. Y.

JOHN A. BROWN, Secretary of the Board of Education.

ALBANY, N. Y.

JOHN A. BROWN, Secretary of the Board of Education.

ALBANY, N. Y.

JOHN A. BROWN, Secretary of the Board of Education.

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JOHN A. BROWN, Secretary of the Board of Education.

UNITED STATES GOVERNMENT, STATE AND MUNICIPAL BONDS

Description	Rate (Per Cent)	Par Value	Amortized Value Dec. 31, 1974	Accrued Int. Dec. 31, 1974
Alabama, State of	4	40,000.00	39,759.61	533.33
Alabama, State of	4 1/4	25,000.00	24,969.45	88.54
Alabama, State of	4 1/2	110,000.00	111,029.56	422.50
Alabama, State of	4 3/4	45,000.00	45,346.64	712.50
Baltimore, Md.	5	165,000.00	167,522.06	2,062.50
Bayonne, N. J.	4 1/2	50,000.00	50,064.98	562.50
Boston, Mass.	3	420,000.00	474,167.86	1,050.00
Boston, Mass.	4	330,900.00	326,911.44	4,139.00
Boston, Mass.	4 1/4	60,000.00	58,732.07	1,133.33
Brookton, Mass.	4	4,000.00	4,035.56	53.33
California, State of	4 1/4	10,000.00	10,022.11	210.14
Chelton, Mass.	3 1/2	44,000.00	44,753.16	64.66
Chelton, Mass.	4	44,000.00	45,664.40	636.66
Cincinnati, Ohio	4 1/2	25,000.00	25,014.46	281.25
Cleveland, Ohio	4 1/2	10,000.00	10,545.31	75.00
Cleveland, Ohio	5	60,000.00	63,451.62	1,033.33
Cleveland, Ohio	5 1/2	12,000.00	12,022.37	220.00
Dallas, Texas	4 1/2	40,000.00	39,771.55	750.00
Dayton, Ohio	4 3/4	17,000.00	17,169.18	201.87
Denver, Colorado	4 1/4	40,000.00	41,095.23	141.67
Des Moines, Iowa	5	25,000.00	27,120.01	104.17
West Chatham, Mass.	4	12,000.00	12,073.30	160.02
Fitchburg, Mass.	2	2,000.00	2,000.00	20.00
Fort Worth, Texas	4 1/4	30,000.00	30,271.71	531.25
Fort Worth, Texas	4 3/4	5,000.00	5,000.00	118.75



DATE	PLACE	NAME	AGE	SEX
1911	CHICAGO	JOHN	7	M
1911	CHICAGO	JOHN	10	M
1911	CHICAGO	JOHN	12	M
1911	CHICAGO	JOHN	14	M
1911	CHICAGO	JOHN	16	M
1911	CHICAGO	JOHN	18	M
1911	CHICAGO	JOHN	20	M
1911	CHICAGO	JOHN	22	M
1911	CHICAGO	JOHN	24	M
1911	CHICAGO	JOHN	26	M
1911	CHICAGO	JOHN	28	M
1911	CHICAGO	JOHN	30	M
1911	CHICAGO	JOHN	32	M
1911	CHICAGO	JOHN	34	M
1911	CHICAGO	JOHN	36	M
1911	CHICAGO	JOHN	38	M
1911	CHICAGO	JOHN	40	M
1911	CHICAGO	JOHN	42	M
1911	CHICAGO	JOHN	44	M
1911	CHICAGO	JOHN	46	M
1911	CHICAGO	JOHN	48	M
1911	CHICAGO	JOHN	50	M
1911	CHICAGO	JOHN	52	M
1911	CHICAGO	JOHN	54	M
1911	CHICAGO	JOHN	56	M
1911	CHICAGO	JOHN	58	M
1911	CHICAGO	JOHN	60	M
1911	CHICAGO	JOHN	62	M
1911	CHICAGO	JOHN	64	M
1911	CHICAGO	JOHN	66	M
1911	CHICAGO	JOHN	68	M
1911	CHICAGO	JOHN	70	M
1911	CHICAGO	JOHN	72	M
1911	CHICAGO	JOHN	74	M
1911	CHICAGO	JOHN	76	M
1911	CHICAGO	JOHN	78	M
1911	CHICAGO	JOHN	80	M
1911	CHICAGO	JOHN	82	M
1911	CHICAGO	JOHN	84	M
1911	CHICAGO	JOHN	86	M
1911	CHICAGO	JOHN	88	M
1911	CHICAGO	JOHN	90	M
1911	CHICAGO	JOHN	92	M
1911	CHICAGO	JOHN	94	M
1911	CHICAGO	JOHN	96	M
1911	CHICAGO	JOHN	98	M
1911	CHICAGO	JOHN	100	M

- 2 -

Fresno, California	4 1/2	50,000.00	54,090.74	1,118.75
Hartington, W. Va.	4 1/2	40,000.00	43,122.96	967.50
Jersey City, N. J.	5 1/2	50,000.00	50,344.30	916.67
Lawrence, Mass.	2 3/4	5,000.00	5,006.66	11.16
Leominster, Mass.	5	16,000.00	16,107.84	133.33
Lewiston, Maine	4 1/4	15,000.00	15,032.16	318.75
Long Beach, California	4	90,000.00	90,532.10	300.00
Long Beach, California	5	95,000.00	103,636.33	395.83
Los Angeles, California	4 1/2	175,000.00	179,413.03	1,968.75
Los Angeles, California	4 3/4	46,000.00	46,053.54	902.49
Los Angeles, California	5	46,000.00	46,853.54	953.33
Louisiana, State of	5	17,000.00	17,164.33	366.66
Lynchburg, Va.	5	75,000.00	75,618.10	1,375.00
Lyons, Mass.	3 3/4	4,000.00	4,007.70	25.00
Malden, Mass.	3 3/4	2,000.00	2,004.94	37.50
Met, Weber	4	135,000.00	137,400.61	2,700.00
Minneapolis, Minn.	4	45,000.00	44,996.26	750.00
Montgomery, Ala.	5	35,000.00	35,605.00	675.00
Nashville, Tenn.	4 1/2	50,000.00	50,379.50	1,125.00
New Bedford, Mass.	4	60,000.00	61,189.09	1,260.00
New Jersey, State of	4 1/2	20,000.00	20,087.13	490.00
New York, State of	4 1/2	600.00	606.37	9.00
Newark, N. J.	5 1/2	30,000.00	30,736.33	481.25
Newport, R. I.	4	41,000.00	41,000.00	600.34
Newport News, Va.	4 3/4	50,000.00	50,523.95	1,127.50
North Carolina, State of	4 1/2	35,000.00	35,523.87	731.25
Norfolk, Conn.	3 3/4	20,000.00	10,664.34	156.34





- 3 -

Norwalk, Conn.	4	32,000.00	30,720.52	373.33
Pasadena, California	4 1/2	25,000.00	25,221.64	460.75
Pasadena, California	4 3/4	40,000.00	42,205.81	841.14
Pasadena, California	5	5,000.00	5,768.61	41.67
Parton, Mass.	4	25,000.00	25,455.42	416.65
Providence, R. I.	4	161,000.00	159,442.10	1,208.09
Providence, R. I.	4 1/4	170,000.00	170,377.75	2,762.30
Providence, R. I.	4 1/2	125,000.00	127,723.65	2,343.75
Richmond, Va.	4 1/4	155,000.00	157,323.61	3,293.75
Richmond, Va.	4 1/2	290,000.00	296,445.56	6,525.00
Rochester, N. Y.	5	10,000.00	10,238.44	208.33
St. Paul, Minn.	4 1/4	100,000.00	100,122.53	2,125.00
San Bernardino, Calif.	4 1/4	21,500.00	21,527.10	266.51
San Diego, California	4	97,000.00	99,430.22	1,940.00
San Diego, California	4 1/2	25,000.00	27,178.23	93.75
San Diego, California	5	30,000.00	30,921.03	750.00
San Francisco, Calif.	4 1/2	165,000.00	173,932.29	3,712.50
San Francisco, Calif.	5	75,000.00	78,142.52	1,416.67
San Francisco, Calif.	5 3/4	30,000.00	32,370.29	239.50
Santa Monica, Calif.	4 3/4	10,000.00	10,825.33	39.58
Santa Monica, Calif.	5	153,000.00	160,632.93	2,841.66
Seattle, Washington	4 1/4	50,000.00	50,255.04	177.08
Seattle, Washington	4 1/2	10,000.00	10,049.16	225.00
Springfield, Mass.	3 3/4	65,000.00	65,944.13	203.12
Tampa, Florida	4	50,000.00	49,538.69	333.33
Tennessee, State of	5 1/2	25,000.00	27,856.85	687.50
U.S. Savings Bonds Series G	2 1/2	2,804,000.00	2,804,000.00	24,825.00





- 4 -

U.S. Treasury	2 1/4	3,636,375.00	3,643,226.37	16,269.95
U.S. Treasury	2 3/8	500,000.00	500,000.00	474.79
U.S. Treasury	2 1/2	16,346,000.00	16,294,337.23	100,006.25
U.S. Treasury	2 3/4	29,519,000.00	30,220,730.88	205,578.94
U.S. Treasury	2 7/8	2,454,400.00	2,454,428.11	29,521.16
U.S. Treasury	3 1/4	1,050,000.00	1,053,319.19	1,489.53
U.S. Investment Series A	2 1/2	460,000.00	460,000.00	2,875.00
Walpole, Mass.	3 1/2	10,000.00	9,346.01	145.84
Waterbury, Conn.	4 1/4	1,000.00	976.39	21.25
West Haverbury, Mass.	2 3/4	3,000.00	3,002.08	24.06
West Virginia, State of	4 1/4	50,000.00	50,000.00	1,062.50
TOTAL		62,132,775.00	62,478,752.66	443,536.85





## ANNUITY SAVINGS FUND - PUBLIC UTILITY BONDS - SCHEDULE B

Alabama Power Co.	3 1/4	200,000.00	203,533.99	2,166.87
Alabama Power Co.	3 3/8	100,000.00	102,595.77	843.75
Alabama Power Co.	4 1/8	100,000.00	102,102.85	687.50
Am. Tel. & Tel. Co.	2 5/8	100,000.00	97,477.64	1,312.50
Am. Tel. & Tel. Co.	2 3/4	250,000.00	244,685.01	2,406.25
Am. Tel. & Tel. Co.	3 1/4	250,000.00	256,270.42	2,369.79
Boston Edison Co.	2 3/4	200,000.00	204,667.26	1,375.00
Boston Edison Co.	3	200,000.00	202,363.29	2,500.00
Boston Edison Co.	3 1/8	150,000.00	150,690.56	2,343.75
Brockton Edison Co.	3 5/8	100,000.00	99,560.72	1,510.42
Central Maine Power Co.	3 1/8	246,000.00	249,082.21	640.63
Central Maine Power Co.	3 5/8	100,000.00	100,969.64	1,208.33
Chicago, Burlington & Quincy R. R. Equipment	2 5/8	100,000.00	98,555.63	1,312.50
Cleveland Elec. Ill. Co.	2 3/4	200,000.00	191,467.04	1,533.34
Cleveland Elec. Ill. Co.	3	150,000.00	151,608.50	750.00
Cleveland Elec. Ill. Co.	3 3/8	100,000.00	102,253.01	281.25
Commonwealth Edison Co.	3	200,000.00	200,763.37	1,000.00
Conn. Light & Power Co.	2 3/4	100,000.00	92,770.02	458.33
Conn. Light & Power Co.	3	100,000.00	101,233.97	750.00
Consolidated Edison Co. of New York	2 3/4	100,000.00	102,082.93	229.17
Consolidated Edison Co. of New York	3 1/4	200,000.00	205,366.56	1,083.33
Consolidated Edison Co. of New York	3 3/8	500,000.00	512,633.70	7,312.50
Consolidated Edison Co. of New York	3 1/2	150,000.00	153,246.01	2,187.50
Consolidated Gas, Electric Light & Power Co. of Baltimore, Maryland	2 3/4	150,000.00	150,935.65	1,890.62



TABLE OF CONTENTS

Page	Chapter	Section	Page	Page
152	Chapter I	Section 1	152	152
153	Chapter II	Section 2	153	153
154	Chapter III	Section 3	154	154
155	Chapter IV	Section 4	155	155
156	Chapter V	Section 5	156	156
157	Chapter VI	Section 6	157	157
158	Chapter VII	Section 7	158	158
159	Chapter VIII	Section 8	159	159
160	Chapter IX	Section 9	160	160
161	Chapter X	Section 10	161	161
162	Chapter XI	Section 11	162	162
163	Chapter XII	Section 12	163	163
164	Chapter XIII	Section 13	164	164
165	Chapter XIV	Section 14	165	165
166	Chapter XV	Section 15	166	166
167	Chapter XVI	Section 16	167	167
168	Chapter XVII	Section 17	168	168
169	Chapter XVIII	Section 18	169	169
170	Chapter XIX	Section 19	170	170
171	Chapter XX	Section 20	171	171
172	Chapter XXI	Section 21	172	172
173	Chapter XXII	Section 22	173	173
174	Chapter XXIII	Section 23	174	174
175	Chapter XXIV	Section 24	175	175
176	Chapter XXV	Section 25	176	176
177	Chapter XXVI	Section 26	177	177
178	Chapter XXVII	Section 27	178	178
179	Chapter XXVIII	Section 28	179	179
180	Chapter XXIX	Section 29	180	180
181	Chapter XXX	Section 30	181	181
182	Chapter XXXI	Section 31	182	182
183	Chapter XXXII	Section 32	183	183
184	Chapter XXXIII	Section 33	184	184
185	Chapter XXXIV	Section 34	185	185
186	Chapter XXXV	Section 35	186	186
187	Chapter XXXVI	Section 36	187	187
188	Chapter XXXVII	Section 37	188	188
189	Chapter XXXVIII	Section 38	189	189
190	Chapter XXXIX	Section 39	190	190
191	Chapter XL	Section 40	191	191
192	Chapter XLI	Section 41	192	192
193	Chapter XLII	Section 42	193	193
194	Chapter XLIII	Section 43	194	194
195	Chapter XLIV	Section 44	195	195
196	Chapter XLV	Section 45	196	196
197	Chapter XLVI	Section 46	197	197
198	Chapter XLVII	Section 47	198	198
199	Chapter XLVIII	Section 48	199	199
200	Chapter XLIX	Section 49	200	200
201	Chapter L	Section 50	201	201

Consolidated Gas, Electric, Light & Power Co. of Baltimore, Maryland	3	300,000.00	301,939.67	4,125.00
Consumers Power Co.	2 7/8	300,000.00	300,613.78	2,875.00
Dallas Power & Light Co.	3 1/2	200,000.00	204,334.13	2,333.34
Dayton Power & Light Co.	2 3/4	100,000.00	102,264.66	637.50
Dayton Power & Light Co.	3	150,000.00	150,000.00	1,500.00
Detroit Edison Co.	2 3/4	100,000.00	102,065.83	916.67
Detroit Edison Co.	2 7/8	250,000.00	248,150.35	2,096.35
Detroit Edison Co.	3 3/8	200,000.00	203,236.60	843.75
Duquesne Light Co.	2 3/4	200,000.00	190,695.14	2,291.66
Duquesne Light Co.	3 1/8	150,000.00	153,653.53	2,343.75
Duquesne Light Co.	3 5/8	100,000.00	101,881.22	1,208.33
General Motors	3 1/4	200,000.00	202,919.67	3,250.00
Georgia Power Co.	2 7/8	100,000.00	102,457.67	718.75
Illinois Bell Tel. Co.	3	200,000.00	201,471.61	500.00
Illinois Bell Tel. Co.	3 1/8	300,000.00	302,392.02	2,343.75
Indiana & Michigan Electric Co.	3 1/4	100,000.00	103,109.11	1,625.00
Kansas City Power & Light	2 3/4	100,000.00	99,268.21	229.17
Mass. Turnpike Authority	3.30	50,000.00	50,000.00	275.00
Metropolitan Edison Co.	3 1/8	100,000.00	101,741.27	781.25
Monongahela Power Co. of West Virginia	3 5/8	100,000.00	102,250.69	302.08
Montana Power Co.	2 7/8	250,000.00	243,760.17	1,796.67
Montana Power Co.	3 1/8	100,000.00	102,624.07	920.83
Mountain States Tel. & Tel. Co.	3	150,000.00	151,616.65	1,875.00
Mountain States Tel. & Tel. Co.	3 1/8	125,000.00	125,926.74	976.56
Warrington Electric Co.	3 1/2	200,000.00	203,599.74	2,333.33



1870	1871	1872	1873	1874	1875
1876	1877	1878	1879	1880	1881
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1894	1895	1896	1897	1898	1899
1900	1901	1902	1903	1904	1905
1906	1907	1908	1909	1910	1911
1912	1913	1914	1915	1916	1917
1918	1919	1920	1921	1922	1923
1924	1925	1926	1927	1928	1929
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1936	1937	1938	1939	1940	1941
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1948	1949	1950	1951	1952	1953
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1960	1961	1962	1963	1964	1965
1966	1967	1968	1969	1970	1971
1972	1973	1974	1975	1976	1977
1978	1979	1980	1981	1982	1983
1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995
1996	1997	1998	1999	2000	2001
2002	2003	2004	2005	2006	2007
2008	2009	2010	2011	2012	2013
2014	2015	2016	2017	2018	2019
2020	2021	2022	2023	2024	2025

N. E. Power Co.	2 7/8	100,000.00	101,945.60	1,197.92
N. E. Power Co.	3	500,000.00	504,216.20	7,500.00
N. E. Tel. & Tel. Co.	3	350,000.00	350,924.50	3,062.50
N. E. Tel. & Tel. Co.	3 1/4	100,000.00	101,624.64	135.42
N. J. Bell Tel. Co.	2 3/4	100,000.00	96,725.01	62.02
N. J. Bell Tel. Co.	3	200,000.00	201,976.49	1,000.00
N. J. Bell Tel. Co.	3 1/8	250,000.00	257,085.94	3,585.73
N. Y. Power & Light Co.	2 3/4	200,000.00	196,327.44	1,833.34
N. Y. State Electric & Gas Co.	3 1/8	100,000.00	102,326.43	54.67
N. Y. Tel. Co.	2 3/4	200,000.00	122,055.01	2,520.83
N. Y. Tel. Co.	3	150,000.00	151,620.67	937.50
N. Y. Tel. Co.	3 1/8	250,000.00	253,007.70	3,255.21
Niagara Mohawk Power Corp.	2 3/4	200,000.00	203,198.30	2,790.00
Niagara Mohawk Power Corp.	3 1/4	200,000.00	201,216.85	1,625.00
Niagara Mohawk Power Corp.	3 3/8	200,000.00	203,375.70	562.50
Niagara Mohawk Power Corp.	3 1/2	150,000.00	152,522.01	2,127.50
Pacific Gas & Elec. Co.	2 7/8	400,000.00	392,467.84	950.33
Pacific Gas & Elec. Co.	3	125,000.00	129,938.23	312.50
Pacific Gas & Elec. Co.	3 1/8	350,000.00	353,442.07	911.45
Pacific Gas & Elec. Co.	3 3/8	300,000.00	308,036.36	843.75
Pacific Tel. & Tel. Co.	2 7/8	100,000.00	99,011.90	718.75
Pacific Tel. & Tel. Co.	3 1/8	200,000.00	203,637.02	721.25
Pacific Tel. & Tel. Co.	3 1/4	400,000.00	408,911.52	3,317.70
Pacific Tel. & Tel. Co.	3 1/2	150,000.00	153,961.01	655.25
Pennsylvania Elec. Co.	3 1/8	200,000.00	203,269.29	2,085.33
Pennsylvania Elec. Co.	3 3/8	300,000.00	203,020.14	1,657.50
Pennsylvania Elec. Co.	4 1/8	100,000.00	102,107.97	345.75
Philadelphia Elec. Co.	2 3/4	100,000.00	99,018.33	451.33





- 4 -

Philadelphia Electric Co.	2 7/8	350,000.00	348,177.00	4,192.71
Philadelphia Electric Co.	3 1/8	300,000.00	298,578.34	761.25
Philadelphia Electric Co.	3 1/4	50,000.00	50,449.71	612.50
Philadelphia Electric Co.	3 7/8	125,000.00	128,150.40	607.29
Potomac Electric Power Co.	2 3/4	300,000.00	303,085.97	1,375.00
Public Service Co. of Indiana	3 3/8	150,000.00	153,391.91	2,531.25
Public Service Co. of N. H.	3 1/4	125,000.00	128,433.92	677.08
Public Service Electric & Gas Co. of N. J.	3 1/4	600,000.00	608,261.16	4,604.17
So. Bell Tel. & Tel. Co.	2 3/4	100,000.00	93,135.45	1,145.63
So. Bell Tel. & Tel. Co.	3 1/8	300,000.00	294,714.74	2,083.33
So. Calif. Edison Co.	2 7/8	250,000.00	246,326.03	2,695.31
So. Calif. Edison Co.	3	150,000.00	150,780.76	1,607.50
So. Calif. Edison Co.	3 1/8	350,000.00	355,851.35	4,752.60
So. Calif. Edison Co.	3 5/8	200,000.00	200,000.00	2,718.75
Southern N. E. Tel. Co.	3 1/4	150,000.00	151,455.73	2,437.50
So. Western Bell Tel. Co.	3 1/8	250,000.00	255,450.59	1,302.08
Standard Oil Co. of N. J.	2 3/4	100,000.00	102,348.36	1,260.42
W. Penn. Power Co.	2 7/8	100,000.00	96,601.39	958.33
W. Penn. Power Co.	3 1/4	100,000.00	102,761.48	812.50
Wisconsin Elec. Power Co.	3 1/8	150,000.00	153,636.74	761.25
TOTAL		18,146,000.00	18,286,954.44	162,183.81





STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1954, MADE TO THE

COMMISSIONER OF INSURANCE BY THE SECRETARY OF THE

TEACHERS' RETIREMENT BOARD

ANNUITY SAVINGS AND ANNUITY RESERVE FUNDS

Income

deposits	\$5,701,493.09
transferred from other Retirement Systems	
the Commonwealth	52,429.21
transferred from Military Service Fund	
members who retired	2,269.31
accumulated total deductions and military	
service deductions used to purchase annuities	2,171,965.14
not received on investments (less \$22,249.02	
und interest paid on securities purchased	
during the year)	2,220,132.25
received for securities sold in excess of	
original value	35,419.56
received from the Commonwealth for deficits as provided	
Section 22 of Chapter 32 of the General Laws	<u>133,709.25</u>
Total income	\$10,317,417.81

Disbursements

amounts refunded, including interest, to members	
withdrawing from teaching service	\$802,447.31
amounts refunded, including interest, to estates	
of members who died before retirement	144,000.19
refunding of deposits and interest refunded to	
estates of deceased annuitants who elected a	
refunded annuity	162,350.55
transferred to other Retirement Systems in the	
Commonwealth	43,378.03
accumulated total deductions and military	
service deductions used to purchase annuities	2,171,965.14
administrative expenses	312.72
transferred to Pension Fund as provided by	
Section 22 of Chapter 32 of the General Laws	37,716.80
decrease in book value of securities	36,717.62
amounts paid from funds to the credit of	
deceased members at the time of their	
retirement	<u>1,814,137.63</u>
Total payments	\$5,213,025.99
Amount in excess of disbursements	\$5,104,391.82



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 Price

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 2. *Place of publication*  
 3. *Date of publication*  
 4. *Number of volumes*  
 5. *Price*

REMARKS

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 2. *Title*  
 3. *Edition*  
 4. *Place of publication*  
 5. *Date of publication*  
 6. *Number of volumes*  
 7. *Price*

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 3. *Date of publication*  
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 5. *Price*

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Assets

ments, par value (Schedule A) \$80,328,775.00  
tized value

\$80,765,707.10  
2,362,752.35  
605,720.66

d interest on investments  
on the Commonwealth as provided by Section 22  
hapter 32 of the General Laws

133,511.55

Gross assets

\$83,867,691.66

Liabilities

ts of members in active service  
r interest credited to same

\$47,857,796.04  
16,625,673.49

64,483,469.53

ts of members who have withdrawn from  
service of the public schools without  
esting a refund of the amount to their  
it

888,885.43  
178,907.09

r interest credited to same

1,067,792.52  
30,229.45

representatives of deceased members  
y reserve and amount due estates of  
ased annuitants

18,286,200.16

Total liabilities

\$83,867,691.66

Membership Exhibit

ship December 31, 1953  
rs in service prior to July 1, 1914, who  
ntarily became members in 1954  
achers required by law to become members  
ated

30,103

7  
2,720  
749

33,579

deceased during the year  
left service  
erred to other Retirement Systems  
he Commonwealth

285  
1,638  
24

1,947

Membership December 31, 1954

31,632

hereby certify that the above statement is a complete and correct exhibit of the  
ial condition of the Teachers' Retirement System of the Commonwealth of Massachusetts  
thirty-first day of December, 1954.

true statement, made under the penalties of perjury.

\_\_\_\_\_  
Secretary, Teachers' Retirement Board



1900

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Annuity Reserve Fund

ty reserve Dec. 31, 1953, for retired members living	\$17,448,344.00
ty reserve Dec. 31, 1953, for amount due estates of ceased members	12,912.09
at used to purchase annuities for members retired 1954 and Option (d) cases	2,171,965.14
est credited to annuity reserve fund ember 31, 1954	526,769.83
rom Commonwealth account deficit for year 1954 provided by Section 22(2)(d)	<u>102,697.28</u>
Total	\$20,262,688.34

ty reserve Dec. 31, 1954, for ired members living	\$18,259,044.00
ty reserve Dec. 31, 1954, for unt due estates of deceased members	27,156.16
nts from annuity reserve fund ing 1954 (Net)	<u>1,976,488.18</u>
Total	\$20,262,688.34

A true statement, made under the penalties of perjury.

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Secretary, Teachers' Retirement Board





TEACHERS' RETIREMENT BOARDPension Fund for year ending December 31, 1954Income

received from Appropriation by Commonwealth Pension Fund established by Section 22(3)	\$6,756,038.19
received from other Retirement Systems as reimbursement for pensions paid by Teachers' Retirement System on account of service which subject to such other Retirement Systems	2,941.83
received from Annuity Savings Fund the interest credited to accounts of members in excess of interest included in refund, for members who withdrew their accounts	2,297.24
received from Annuity Savings Fund the amount from sale of securities in excess of amortized value	35,419.56
received from Military Service Fund the military assessments paid by the Commonwealth with accumulated interest for members who withdrew their funds or died before retirement	<u>668.65</u>
<b>Total</b>	<b>\$6,797,365.47</b>

Disbursements

on amounts for members retired prior to January 1, 1946, on warrants for calendar year 1954	\$1,984,745.01
on pension amounts included in retirement allowance checks canceled	<u>19,699.47</u>
on pension payments for year 1954 to members retired prior to January 1, 1946	\$1,965,045.54
on amounts for members retired since January 1, 1946, on warrants for calendar year 1954	4,712,097.47
on pension amounts included in retirement allowance checks canceled	<u>17,182.85</u>
on pension payments for year 1954 to members retired since January 1, 1946	<u>4,694,914.62</u>
on net pension payments for calendar year 1954	6,659,960.16
Annuity Savings Fund for December 31, 1953, deficit in Interest Account	24,375.90
Annuity Savings Fund for December 31, 1953, deficit in Annuity Reserve Account	109,333.35
Military Service Fund for December 31, 1953, deficit Interest Account	2,159.67
other Retirement Systems for pensions paid by such systems for service in the public schools	<u>1,536.39</u>
<b>Total</b>	<b>\$6,797,365.47</b>

A true statement, made under the penalties of perjury.

Secretary, Teachers' Retirement Board



REPORT OF THE COMMITTEE ON THE MEDICAL PROFESSION

1914

1. The Committee on the Medical Profession

2. The Committee on the Medical Profession

3. The Committee on the Medical Profession

4. The Committee on the Medical Profession

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19. The Committee on the Medical Profession

20. The Committee on the Medical Profession

TEACHERS' RETIREMENT BOARDReimbursement Fund for year ending December 31, 1954Income

Amount received from Appropriation by Commonwealth for Reimbursement payments required under Section 20(2)(c)	\$1,350,000.12
--	----------------

Disbursements

Reimbursement paid Boston account of pensions paid under Chapter 589, Acts of 1908	\$296,712.74
Reimbursement paid Boston account of pensions paid under Chapter 521, Acts of 1922	307,442.12
Reimbursement paid Boston account of pensions paid under State-Boston System	<u>732,088.36</u>

Total reimbursement to Boston	1,336,243.22
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Reimbursement paid Brookline account of pensions paid under Chapter 498, Acts of 1908	2,694.22
Reimbursement paid Cambridge account of pensions paid under Chapter 498, Acts of 1908	4,925.84
Reimbursement paid Milton account of pensions paid under Chapter 498, Acts of 1908	4,045.08
Reimbursement paid Wellesley account of pensions paid under Chapter 498, Acts of 1908	<u>2,091.76</u>

Total reimbursements payments	\$1,350,000.12
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A true statement, made under the penalties of perjury.

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Secretary, Teachers' Retirement Board



THE HISTORY OF THE

REIGN OF KING CHARLES THE FIRST

1625

THE HISTORY OF THE REIGN OF KING CHARLES THE FIRST, FROM HIS MARRIAGE TO HIS DEATH, IN THE YEAR 1649.

By JOHN BURNET.

CHAPTER I.

James VI. King of Scotland, being married to Anne, daughter of the King of France, in the year 1589, was crowned King of England in the year 1603, and reigned thirty years.

James VI.

James VI.

James VI.

James VI.

James VI. King of Scotland.

James VI.

James VI.

James VI.

James VI.

James VI. King of Scotland, being married to Anne, daughter of the King of France, in the year 1589, was crowned King of England in the year 1603, and reigned thirty years.

James VI. King of Scotland.

James VI.

James VI. King of Scotland, being married to Anne, daughter of the King of France, in the year 1589, was crowned King of England in the year 1603, and reigned thirty years.

James VI. King of Scotland.

TEACHERS' RETIREMENT BOARDExpense Fund for year ending December 31, 1954Income

Amount received from Appropriations by Commonwealth for Personal Services and Expenses	\$104,210.38
---	--------------

Disbursements

Salary paid to employees of the Teachers' Retirement Board for calendar year 1954	\$88,184.54
--	-------------

Contingent expenses of administration of Teachers' Retirement Board for calendar year 1954	<u>16,025.84</u>
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Total	\$104,210.38
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A true statement, made under the penalties of perjury.

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Secretary, Teachers' Retirement Board



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THE UNIVERSITY OF CHICAGO

STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1954, MADE TO THE  
COMMISSIONER OF INSURANCE BY THE SECRETARY OF THE  
TEACHERS' RETIREMENT BOARD

TEACHERS' RETIREMENT MILITARY SERVICE FUND

Income

ved from cities and towns as provided by Chapter 708, Acts of 1941, Chapter 419, Acts of 1943	\$24,820.92
ved from the Commonwealth as provided by Section 22 of Chapter 32 the General Laws	2,159.67
ved from the Commonwealth as provided by Chapter 699, Acts of 1945	262.86
est received on investments	<u>11,020.00</u>
 Total income	 \$38,263.45

Disbursements

ferred to Annuity Reserve Fund for members retired	\$2,269.31
ecrease in book value of securities	132.40
ary deductions returned to cities and towns on account of bers who have withdrawn their funds or died	7,399.11
ary deductions credited to Pension Fund on account of bers who have withdrawn their funds or died	<u>658.65</u>
 Total payments	 \$10,459.47
 e in excess of disbursements	 \$27,793.98

Assets

ments, par value \$405,000.00	
rtized value	\$408,230.01
	57,884.41
ed interest on investments	2,106.43
rom the Commonwealth as provided by Section 22 of Chapter 32 the General Laws	<u>1,732.83</u>
 Gross Assets	 \$469,955.68

Liabilities

its and interest to credit of cities and towns for payment	
deductions of members who return from Military service	\$33,088.26
tions and interest of members who have returned from itary service	<u>436,867.42</u>
 Total Liabilities	 \$469,955.68



# THE HISTORY OF THE CITY OF BOSTON FROM THE FIRST SETTLEMENT TO THE PRESENT TIME

BY SAMUEL JOHNSON

IN TWO VOLUMES.  
THE FIRST VOLUME CONTAINS THE HISTORY FROM THE FIRST SETTLEMENT TO THE YEAR 1780.

1780

THE HISTORY OF THE CITY OF BOSTON, FROM THE FIRST SETTLEMENT TO THE PRESENT TIME, BY SAMUEL JOHNSON, ESQ. IN TWO VOLUMES. THE FIRST VOLUME CONTAINS THE HISTORY FROM THE FIRST SETTLEMENT TO THE YEAR 1780.

LONDON: Printed by J. JOHNSON, in Pall-mall.

1780

THE HISTORY OF THE CITY OF BOSTON, FROM THE FIRST SETTLEMENT TO THE PRESENT TIME, BY SAMUEL JOHNSON, ESQ. IN TWO VOLUMES. THE FIRST VOLUME CONTAINS THE HISTORY FROM THE FIRST SETTLEMENT TO THE YEAR 1780.

LONDON: Printed by J. JOHNSON, in Pall-mall.

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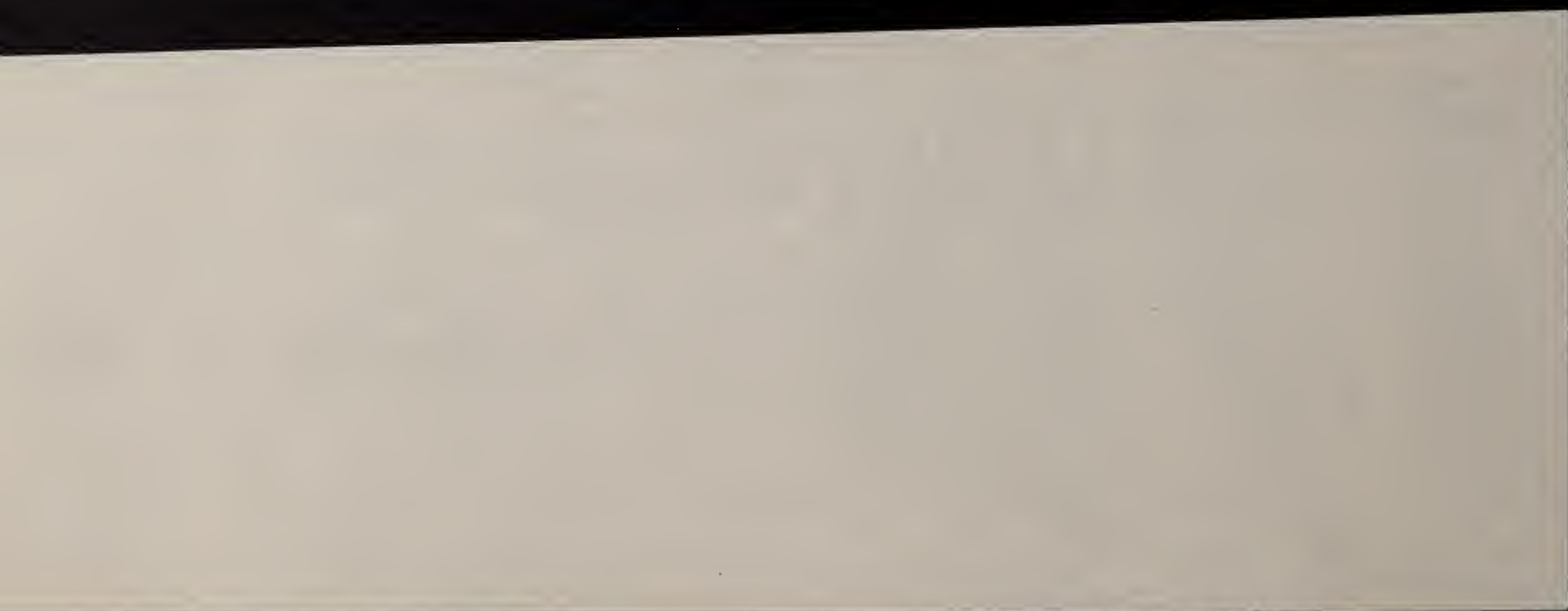
I hereby certify that the above statement is a complete and correct exhibit of the financial condition of the Teachers' Retirement Military Service Fund of the Teachers' Retirement Board on the thirty-first day of December, 1954.

A true statement, made under the penalties of perjury.

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Secretary, Teachers' Retirement Board









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## MILITARY SERVICE - SCHEDULE C

Description	Rate (Per Cent)	Par Value	Amortized Value Dec. 31, 1941	Accrued Int. Dec. 31, 1941
U.S. Treasury	2 1/4	50,000.00	50,006.92	46.87
U.S. Treasury	2 1/2	29,000.00	29,000.00	123.95
U.S. Treasury	2 3/4	271,000.00	274,955.77	1,863.13
U.S. Treasury	3 1/4	55,000.00	54,267.32	74.48
TOTAL		405,000.00	408,230.01	2,108.43

Total Securities - Schedule A	62,152,775.00	62,478,752.66	443,536.85
Total Securities - Schedule B	18,346,000.00	18,266,954.44	162,183.81
Total Securities - Schedule C	405,000.00	408,230.01	2,108.43
GRAND TOTAL	80,733,775.00	81,173,937.11	607,829.09



DATE	PLACE	NAME	AGE	SEX
1910	NEW YORK	JOHN	25	M
1911	NEW YORK	JOHN	26	M
1912	NEW YORK	JOHN	27	M
1913	NEW YORK	JOHN	28	M
1914	NEW YORK	JOHN	29	M
1915	NEW YORK	JOHN	30	M
1916	NEW YORK	JOHN	31	M
1917	NEW YORK	JOHN	32	M
1918	NEW YORK	JOHN	33	M
1919	NEW YORK	JOHN	34	M
1920	NEW YORK	JOHN	35	M
1921	NEW YORK	JOHN	36	M
1922	NEW YORK	JOHN	37	M
1923	NEW YORK	JOHN	38	M
1924	NEW YORK	JOHN	39	M
1925	NEW YORK	JOHN	40	M
1926	NEW YORK	JOHN	41	M
1927	NEW YORK	JOHN	42	M
1928	NEW YORK	JOHN	43	M
1929	NEW YORK	JOHN	44	M
1930	NEW YORK	JOHN	45	M
1931	NEW YORK	JOHN	46	M
1932	NEW YORK	JOHN	47	M
1933	NEW YORK	JOHN	48	M
1934	NEW YORK	JOHN	49	M
1935	NEW YORK	JOHN	50	M
1936	NEW YORK	JOHN	51	M
1937	NEW YORK	JOHN	52	M
1938	NEW YORK	JOHN	53	M
1939	NEW YORK	JOHN	54	M
1940	NEW YORK	JOHN	55	M
1941	NEW YORK	JOHN	56	M
1942	NEW YORK	JOHN	57	M
1943	NEW YORK	JOHN	58	M
1944	NEW YORK	JOHN	59	M
1945	NEW YORK	JOHN	60	M
1946	NEW YORK	JOHN	61	M
1947	NEW YORK	JOHN	62	M
1948	NEW YORK	JOHN	63	M
1949	NEW YORK	JOHN	64	M
1950	NEW YORK	JOHN	65	M
1951	NEW YORK	JOHN	66	M
1952	NEW YORK	JOHN	67	M
1953	NEW YORK	JOHN	68	M
1954	NEW YORK	JOHN	69	M
1955	NEW YORK	JOHN	70	M
1956	NEW YORK	JOHN	71	M
1957	NEW YORK	JOHN	72	M
1958	NEW YORK	JOHN	73	M
1959	NEW YORK	JOHN	74	M
1960	NEW YORK	JOHN	75	M
1961	NEW YORK	JOHN	76	M
1962	NEW YORK	JOHN	77	M
1963	NEW YORK	JOHN	78	M
1964	NEW YORK	JOHN	79	M
1965	NEW YORK	JOHN	80	M
1966	NEW YORK	JOHN	81	M
1967	NEW YORK	JOHN	82	M
1968	NEW YORK	JOHN	83	M
1969	NEW YORK	JOHN	84	M
1970	NEW YORK	JOHN	85	M
1971	NEW YORK	JOHN	86	M
1972	NEW YORK	JOHN	87	M
1973	NEW YORK	JOHN	88	M
1974	NEW YORK	JOHN	89	M
1975	NEW YORK	JOHN	90	M
1976	NEW YORK	JOHN	91	M
1977	NEW YORK	JOHN	92	M
1978	NEW YORK	JOHN	93	M
1979	NEW YORK	JOHN	94	M
1980	NEW YORK	JOHN	95	M
1981	NEW YORK	JOHN	96	M
1982	NEW YORK	JOHN	97	M
1983	NEW YORK	JOHN	98	M
1984	NEW YORK	JOHN	99	M
1985	NEW YORK	JOHN	100	M

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION  
PUBLISHED WEEKLY  
CHICAGO, ILL.

MASSACHUSETTS MARITIME ACADEMY  
Annual Report of the Commissioners  
to the  
Commissioner of Education  
for the year

July 1, 1954 - June 30, 1955

The 1954-55 school year opened on August 17, 1955 with an entering class of 76, bringing the total enrollment to 186. The fall semester for the entire Academy commenced on August 23.

The one hundred and twelfth commencement exercises were held on August 15 at Faneuil Hall, Boston. The principal address was given by Hon. Charles Thomas, the Secretary of the Navy, Washington, D. C. Several musical selections were given by the Navy band of the First Naval District. Prominent speakers at the exercises included Dr. Leo C. Donahue, Chairman, Board of Education, Dr. John J. Desmond, Jr., Commissioner of Education, Rear Admiral Joseph H. Wellings, USN, Commandant, First Naval District, Rear Admiral Raymond J. Mauerman, USCG, Commandant, First Coast Guard District, and Capt. John T. Everett, USNS, Maritime Administration, Washington, D. C. A class of sixty were graduated receiving degrees, licenses, commissions, etc.

Former graduates of the Academy are now awarded the Bachelor of Science degree, provided they show evidence of having completed the required number of semester hours. A total of 156 former graduates have received these degrees at the commencement exercises of 1951 through 1954.

The hurricane struck with full force on August 31, causing much damage to the pier and dock at Buzzards Bay. \$4484.30 was transferred to our account from the Hurricane Relief Loan, Acts of 1954, to repair some of the damage caused by the hurricane.

The office of the Commissioners was moved on October 1, 1954 from 585 Boylston Street to 419 Boylston Street, Boston.

The Training Ship CHARLESTON came to Boston on October 19 and went into drydock at Simpson's on October 20. The ship left Simpson's Drydock on October 26 and went to Commonwealth Pier for a repair job. The contract for the repairs was given to Gibbons Engineering and Machine Shop. The work was done at Commonwealth Pier through the courtesy of the Boston Port Authority. The repairs were completed and the ship left Commonwealth Pier on November 9 for Buzzards Bay.



# THE HISTORY OF THE CITY OF BOSTON

FROM THE  
FUNDAMENTAL CHARTER OF 1630  
TO THE PRESENT

BY  
JOHN H. COLEMAN, LL.D.  
OF HARVARD UNIVERSITY

BOSTON: PUBLISHED BY  
THE BOSTON PUBLIC LIBRARY, AT THE  
CITY OF BOSTON, 1888.

The history of the City of Boston is a story of growth and development. From its humble beginnings as a small fishing village, it has grown into one of the most important cities in the United States. The city's location on a natural harbor gave it a strategic advantage from the very beginning. The first settlers, the Puritans, came in 1630 and established a colony that would become a model of self-government. Over the years, the city has been shaped by its diverse population, its economic activities, and its political decisions. The story of Boston is a testament to the resilience and vision of its people.

The city's growth was not without challenges. It faced numerous hardships, including wars, economic downturns, and social changes. Yet, it always managed to overcome these obstacles and emerge stronger. The city's commitment to education, innovation, and public service has been a constant throughout its history. Today, Boston stands as a testament to the power of human ingenuity and the strength of community.

The city's history is a rich tapestry of events and people. From the early days of settlement to the present, Boston has been a place of great significance. Its role in the American Revolution, its contributions to the Industrial Revolution, and its leadership in the civil rights movement are all part of its legacy. The city's history is a source of pride and inspiration for its people and for the world.

The city's history is a story of progress and achievement. It is a story of a city that has always been at the forefront of change and innovation. Boston's history is a testament to the power of the human spirit and the strength of the American dream.

The city's history is a story of a city that has always been a place of opportunity. It is a story of a city that has always been a place where dreams are made. Boston's history is a testament to the power of the human spirit and the strength of the American dream. The city's history is a story of progress and achievement. It is a story of a city that has always been at the forefront of change and innovation. Boston's history is a testament to the power of the human spirit and the strength of the American dream.



The CHARLESTON sailed from Buzzards Bay on January 17 on annual cruise. The following ports were included - St. Thomas, Virgin Islands; Fort de France, Martinique; Surinam, Dutch Guiana; U.S.N.A.S., Trinidad; Willenstad, Curacao; Cartagena, Columbia; Port au Prince, Haiti; Vera Cruz, Mexico; New Orleans, Louisiana; Jacksonville, Florida; Philadelphia, Pennsylvania; and Boston, Massachusetts.

The trip from Buzzards Bay to St. Thomas was a stormy one. Soon after leaving Buzzards Bay at 10 A.M., on January 17, the ship ran into a storm which reached its peak about midnight of the 17th. Again on the 19th, the ship ran into another storm which reached an intensity of 55 miles an hour by midnight. It was necessary to change course to the westward for a few hours to head into the wind in order to avoid damage to the ship. Some seas continued to come aboard on the 20th although the ship was running with the sea. The United States purchased St. Thomas, St. John and St. Croix from Denmark in 1917 for fuel and repair bases. St. Thomas, with its excellent harbor, has become a favorite vacation spot.

The run to Martinique was more agreeable. The CHARLESTON was docked at the French Line pier. The new docks were almost completed and all around, the many port activities created a perpetual stream of movement. A reception for officers and cadet officers was tendered by the American Consul at this port. There are still many natives at this port in colorful dress, particularly the women, balancing unbelievably heavy loads on their heads. Athletics had a share at this port as our students won an exciting basketball game, played in the open under the lights.

Surinam is better known as Dutch Guiana and was the next port visited. One is greatly impressed while passing through the streets here by the amazing variety of races - Creoles, Hindus, Indonesians, Chinese, Lebanese, Europeans, Negroes, Indians - all mingle and get along. Officially the language is Dutch but the street vernacular is Talky Talky, a unique mixture of English, Dutch and African dialects. The high light of this port was the trip arranged by the Governor and the Army up the Saramacca River to the bush-negro village of Santigron. Up the ever changing river, now calm, now stirred by sudden squalls and showers, through clearings, villages could be seen.

The trip from Surinam to Trinidad was smooth and without incident. For a half hour prior to leaving the dock at Surinam, the Dutch Army band gave a concert in honor of the ship. Port of Spain was gaily decorated in honor of the recent visit of Princess Margaret, and is the chief city and port. Fuel and fresh vegetables and fruit were taken on at this port.



The American Medical Association is a non-profit corporation organized for the purpose of promoting the interests of the medical profession and the public. It is composed of members who are physicians, dentists, and other health care professionals. The Association's primary concern is the advancement of the medical profession and the improvement of the health of the people. It does this through a variety of activities, including the publication of the Journal of the American Medical Association, the holding of annual meetings, and the provision of educational programs for its members.

The Association's Journal of the American Medical Association is one of the most important and influential medical journals in the world. It is published weekly and contains a wide variety of articles, including original research, clinical reports, and reviews. The Journal is read by physicians and other health care professionals throughout the world. It is also one of the most important sources of information for the general public. The Association's Journal of the American Medical Association is a valuable resource for anyone interested in the medical profession and the health of the people.

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Curacao is the largest and most important of the six islands comprising the Dutch West Indies. It was at this port that there was a fatal diving accident of one of our students. Everything possible was done by government officials and medical experts to save his life, but he did not recover.

Cartegena is perhaps the most interesting town in Latin-America. It is the capital of Bolivar State, this quaint colonial sea port has first class sea and air facilities, river transportation, excellent wharves capable of handling a large share of the country's exports, especially of oil, coffee and bananas. An atmosphere of international interest and cordiality prevailed as social and athletic activities between our students and those of the Naval Academy and Merchant Marine Academy took place during our four day stay. Forty merchant marine cadets with Chilean Officers from the Colombian Naval Academy visited the CHARLESTON.

Port au Prince is a busy harbor and ships of every nationality come in and out. There is an atmosphere of greater prosperity than ever before. Our basketball and baseball teams each won games with native teams; events which go a long way to create a better understanding of other peoples, and the promoting of good sportsmanship.

Excellent weather conditions prevailed during the five day run from Haiti to Vera Cruz. It was possible to do considerable overhauling and painting so that the ship presented its usual attractive appearance as we entered Mexican waters. The stay at Vera Cruz was made all the more pleasant by a reception given by the American Consul, visits by officials of the Marine and Naval Academies, and the dance held on board one evening.

Of paramount importance to the Midshipmen as future merchant marine officers is an accurate knowledge of the part New Orleans plays as the first port in the middle South, the second in the United States in value of cargo handled as well as having the reputation of being the nation's most efficient port. It affords remarkable combinations of facilities to promote export and import trade through the famous Trade Mart and International House, both unique institutions effectively building closer commercial and cultural ties between the United States and the rest of the world. A visit to these organizations is a most revealing experience. Further opportunities for midshipmen to broaden their scientific and cultural knowledge were boundless, particularly as concerns the observation of ships from all over the world loading and unloading, the ceaseless harbor traffic and the skillful piloting - a first hand education that only such a cruise as this can afford.





Jacksonville is the largest city in Florida and has the greatest deep water harbor on the South Atlantic coast. Of great interest is the nearby historical city of Saint Augustine, oldest in the United States. Nearby is Marineland, where an outstanding collection of sea animals and all forms of sea life may be seen.

The Chairman met the CHARLESTON in Philadelphia, the ship being berthed at the Naval Shipyard. The CHARLESTON arrived in Boston on March 30 and docked at Commonwealth Pier.

The ship sailed from Boston on Saturday, April 2, for Buzzards Bay, with sixty members of the Propeller Club aboard.

During the remainder of the school year, classes have been maintained continuously at the State Pier, Buzzards Bay.

Mental examinations were given in Boston on March 5 for the 1955 candidates. The Navy physical examinations commenced on January 3. Sixty-six candidates were selected from 210 candidates.

On May 3, the Chairman went to Washington to attend a conference and hearing regarding the Federal Maritime appropriations.

The Commissioners wish to record their appreciation of the continued loyalty of the Superintendent, the Faculty, and other Academy personnel during the past year. They wish to extend their thanks to the officials of the various State Departments, including the Department of Education, for all the advice and services extended to them during the fiscal year. The Navy Department, both in Boston and in Washington, and the Coast Guard, both the Bureau of Marine Inspection and the Public Health Service Hospital, have also extended many courtesies to the Massachusetts Maritime Academy, particularly in the matter of physical examinations for the entering class, and the Commissioners wish to thank all concerned at this time.

Arthur C. Sullivan, Chairman  
Captain Charles H. Hurley  
S. F. Jason  
Capt. John R. Peterson  
William W. Peters  
Commissioners



My dear Mr. Brewster

I have just received your letter of the 19th inst. and am glad to hear from you. I am well and hope these few lines will find you the same. I am sure you are enjoying your winter home in the South.

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Very truly yours,  
Wm. Brewster

BRADFORD DUFEE TECHNICAL INSTITUTE

Fall River, Massachusetts

PRESIDENT'S REPORT1954 - 1955

To the Board of Trustees:

I have the honor to present the following report on the work at the Institute for the fiscal year 1954-1955:

Trustees

During the year, the following new appointments to the Board of Trustees were made by the Governor and Council: Paul R. Anderson and James E. Bullock. Robert J. Nagle and Jan Pietraszek were reappointed for another term of three years. Dr. Joseph P. Clark III remains on the Board as a holdover.

Instruction Staff

During the year, the following new appointments to the staff were made: Everett S. Arnold, B.S. (Bradford Durfee Technical Institute), instructor in Weaving; Carl E. Medde, B.S. (Temple University), instructor in Dyeing and Finishing; Gerta R. Scheuermann, instructor in Fashion Illustration.

Walter E. Cass, A.B. (Northeastern), A.M. (Boston University), instructor in Language and History, was promoted to an assistant professorship; Claude W. Wagner, B.S., M.S. (University of Cincinnati), an instructor in Chemistry, was made an assistant professor.

We are still very much understaffed. This has been repeatedly called to the attention of the General Court, but without result.

Associate Professor John W. Norman retired in November, at the age of 70, after serving the school for thirty-eight years in various capacities.

Necrology

In October, William H. Wingate, assistant professor of Dyeing and Finishing, died. He had served the Institute well for fifteen years.

Administration Staff

Mrs. Jacqueline P. Axe, the senior bookkeeper, resigned in September. Her position was filled by the promotion of one of our junior clerks, Miss Lorraine A. Berube.

In May, Miss Aurette Tarte was provisionally appointed to take the position vacated by Mrs. Katherine L. Hathaway.



THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

PHYSICAL CHEMISTRY

LABORATORY

CHICAGO, ILL.

REPORT OF THE PHYSICAL CHEMISTRY LABORATORY

1925

BY THE PHYSICAL CHEMISTRY LABORATORY

CHICAGO, ILL.

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### Courses of Instruction

There was no change made during the year in our regular day curricula. Nineteen courses were given in our evening division.

Again this year, engineering led in registrations in both the day and evening divisions. This trend is being continued in our advance registrations for the 1955-1956 school year. Our overall picture seems to indicate that within two years at the most we will have reached the capacity of our physical plant.

### Library

Under the direction of Miss Helen Eaton, a graduate of Simmons College Library School, the cataloguing of our books is proceeding very well. During the year, gifts of books and magazines were received.

### Maintenance Staff

The only change in this staff was the appointment of Richard Parkinson as a fireman-janitor.

### Summer School

Again this year, six courses were given in the six-week summer session. There was an increase of 45% in the enrollment over the previous year, which would seem to indicate that there is a real demand for such a school in this area. Associate Professor Rudolph L. LeVault again acted as director of the session.

### Junior Art School

The enrollment in the Junior Art School was exactly the same as in the previous year, viz. 75. The interest shown in this division is most encouraging. It will, without doubt, furnish us in the years to come with many full-time day students. The work was under the direction of Assistant Professor Theodore P. Mead, Head of our Art and Product Development Division.

- - - -

Grateful acknowledgment is made to the following firms who donated materials and/or equipment to the Institute:

Abdon Textile, Inc., Fall River, Massachusetts  
Ashworth Bros., Inc., Fall River, Massachusetts  
Berkshire-Hathaway, Inc., Fall River, Massachusetts  
Celanese Corporation, New York City, N. Y.  
Crescent Corporation, Fall River, Massachusetts  
Howard-Arthur Mills, Fall River, Massachusetts  
H. F. Livermore Corporation, Boston, Massachusetts



Received of the Treasurer of the County of ...  
the sum of ... Dollars ...  
for ...

Witness my hand and seal of office ...  
this ... day of ... 1875

Attest ...  
County Clerk

Received of the Treasurer of the County of ...  
the sum of ... Dollars ...  
for ...

Witness my hand and seal of office ...  
this ... day of ... 1875

Attest ...  
County Clerk

Received of the Treasurer of the County of ...  
the sum of ... Dollars ...  
for ...

Bradford Durfee Technical Institute  
President's Report

-3-

1954-1955

New England Textile Foundation, Inc., Providence, R. I.  
Pepperell Manufacturing Co., Fall River, Massachusetts  
Reliance Electric & Engineering Co., Boston, Massachusetts  
Spindle City Dye Works, Inc., Fall River, Massachusetts

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The following tables show the statistical position of the Institute:

TABLE IENROLLMENT 1954-55

	DAY			INDUSTRIAL EXTENSION			<u>GRAND TOTAL</u>
	<u>Reg.</u>	<u>Spec.</u>	<u>Total</u>	<u>Evening</u>	<u>Morning</u>	<u>Total</u>	
1953-54	251	109	360	413	---	413	773
1954-55	274*	109**	383	360+	9++	369	752
Average 10 years:							
1940-49	92	54	146	691	95	786	932

\*This figure includes 77 Veterans: 2 PL 16, 2 PL 346, 73 PL 550.

\*\*This figure includes 75 Junior Art Students, 31 Student Nurses, 3 Specials.

+This figure includes Evening credit and non-credit courses.

++Special class, Loomfixing, A.M.

TABLE IIBREAKDOWN OF DAY STUDENTS 1954-55

<u>Degree Courses</u>	<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>	<u>4th Year</u>	<u>Total</u>
Art & Product Development	16	13	12	3	44
Chemistry	8	5	3	8	24
Engineering	54	40	37	17	148
Textile Mfg. & Management	32	23	1	1	57
	<u>110</u>	<u>81</u>	<u>53</u>	<u>29</u>	<u>273</u>
Specials					<u>109</u>
					<u>382</u>

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Bradford Durfee Technical Institute  
President's Report

1954-1955

-4-

TABLE IIIBREAKDOWN OF VETERANS ONLY ( Reg. Students )

<u>Degree Courses</u>	<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>	<u>4th Year</u>	<u>Total</u>
Art & Product Development	0	4	1	0	5
Chemistry	1	1	1	0	3
Engineering	24	24	6	1	55
Textile Mfg. & Management	<u>13</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>14</u>
	38	29	9	1	77

TABLE IVBREAKDOWN OF REGULAR STUDENTS BY RESIDENCE

<u>Massachusetts</u>		<u>Out of State</u>		<u>Foreign</u>	<u>Total*</u>
<u>Non-Veteran</u>	<u>Veteran</u>	<u>Non-Veteran</u>	<u>Veteran</u>		
175	71	19	6	2	273

Average for years 1947-55:

<u>Massachusetts</u>	<u>Out of State</u>	<u>Foreign</u>
89.75	9.15	1.1

\*Two foreign countries were represented, viz:

<u>Honduras</u>	<u>Portugal</u>
1	1



Section 1: Introduction

The purpose of this study is to investigate the effects of various factors on the growth of plants. The study was conducted over a period of six months, during which time the following data was collected:

Factor	Initial Growth (cm)	Final Growth (cm)
Factor A	10	15
Factor B	12	18
Factor C	11	16
Factor D	13	19

Section 2: Results

The results of the study show that the growth of plants is significantly affected by the factors studied. The following table summarizes the data:

Factor	Initial Growth (cm)	Final Growth (cm)	Percentage Increase
Factor A	10	15	50%
Factor B	12	18	50%
Factor C	11	16	45%
Factor D	13	19	46%

It can be seen that the growth of plants is highest for Factor D, followed by Factor B, Factor C, and Factor A. This suggests that Factor D has the most significant effect on plant growth.

TABLE V  
EVENING SCHOOL STATISTICS

The following shows the residence of those who registered for evening classes:

Fall River	673	Ocean Grove	1
Assonet	2	Providence, E., R.I.	2
Attleboro - N. Attleboro	12	Portsmouth, R.I.	7
Barrington, R.I.	1	Raynham	1
Berkley	2	Rehoboth	1
Boston	1	Somerset	78
Brighton	1	Somerset Village	1
Bristol, R.I.	2	Swansea	30
Chartley	5	Swansea, So.	2
Dighton	8	Taunton	35
North Dighton	2	Taunton, E.	4
Foxboro	1	Tiverton, R.I.	34
Little Compton, R.I.	2	Tiverton, No., R.I.	1
Middleboro	1	Warren, R.I.	1
Middletown, R.I.	2	Westport	3
New Bedford	1	Westport, No.	1
Newport, R.I.	9	Wrentham	2
Norton	2	Lakeville	1

Total 932

From the above registration, 360 enrolled in classes in evening sessions. No student had his name placed on the register until he had been in attendance at least three times. A number of these students took more than one course during the year, and in giving the following list of students by classes, a student taking more than one subject is counted in each class for which he is enrolled.

College Credit Courses

College Algebra	6
English Composition	12
History of Western Civ.	8
Psychology	8

Total 34

Non-Credit Courses

Advertising Design	5
Algebra I and II	20
Blue Print Reading	11
Cost Accounting	18
Diesel Engines	15
Creative Painting	31
Drawing & Painting	25
Electricity	20
Electronics	28
Fashion Illustration	15
Machine Shop	40
Mathematics, General	6
Mechanical Drawing	37
Welding	36
Weaving, Hand	5
Designing & Cloth Analysis	5
Draper Loom Fixing	9

Total 326

Grand Total 360



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Bradford Durfee Technical Institute  
President's Report

-6-

1954-1955

TABLE VIGRADUATION STATISTICS 1954-1955

	<u>Day Division</u>		<u>Evening Division</u>		<u>Jr. Art</u>	
	<u>Degrees</u>	<u>Certificates</u>	<u>Diplomas</u>	<u>Certificates</u>	<u>Cert.</u>	<u>Total</u>
1953-1954	35	32	0	153	69	289
1954-1955	23	31	1	123	56	234

1954 Summer School

July 6 - August 13, 1954

<u>No. of Courses</u>	<u>No. Auditors</u>	<u>No. Paying Tuition</u>	<u>Total Registrations</u>
6	-	74	74

- - - - -

PLANT FACILITIES

The time has come rather sooner than expected when I must call to your attention that the Institute is already in urgent need of the following additional buildings:

- (1) An engineering-gymnasium laboratory.
- (2) A student union.
- (3) A library with a capacity of at least 50,000 volumes.
- (4) The addition of a third story to the Leslie B. Coombs Science Hall, to provide additional classrooms and laboratories.

This need has arisen solely through the marked increase in students from this area who are electing engineering options. The overall cost will run to at least \$750,000.00.



REC-111  
JAN 18 1956

RESEARCH & SERVICE

## NEW BEDFORD INSTITUTE OF TEXTILES AND TECHNOLOGY

## PRESIDENT'S REPORT

1954 - 1955

To the Board of Trustees:

I have the honor to submit the annual report of the New Bedford Institute of Textiles and Technology for the college year 1954-1955.

ADMINISTRATION

One new trustee was appointed to the Board of Trustees. Mr. Henri F. Horn, superintendent of the King Phillip Mills, E Division, was appointed for three years. Reappointments were:

Mr. Nils V. Nelson  
Mr. John A. Shea  
Mr. Philip Manchester  
Miss E. Ferris Almada

Mrs. Estelle Dowd, formerly a junior clerk/typist on our office staff was reallocated to junior clerk/stenographer.

INSTRUCTIONAL STAFF

Two additional instructors were appointed to the faculty. Mr. Celestino D. Macedo was named an instructor in humanities and Mr. Anthony J. John was appointed to the mathematics and physics staff.

PHYSICAL PLANT

A new feeder was installed between the main switchboard and department of dyeing and finishing. This was made necessary by the increased load demand. The entire interior of the north or engineering building was painted and approximately 65% of the exterior of all buildings was painted.

Corrections were made to the electric wiring in the power sewing machine department.

Necessary repairs were made to the antiquated heating plant. This plant will no longer be used since we now have the new central heating plant in the new engineering building. All August hurricane damages have been repaired.

NEW BUILDING

The new building which was scheduled for completion last April was, as of July 1, far from completion. It now appears that the construction will continue into the late fall of 1955.



Vol. 12, No. 1, January 1917

CONTENTS  
ORIGINAL ARTICLES  
The Medical Profession and the Public  
The Medical Profession and the Public  
The Medical Profession and the Public

ORIGINAL ARTICLES

The Medical Profession and the Public  
The Medical Profession and the Public  
The Medical Profession and the Public  
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The Medical Profession and the Public  
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The Medical Profession and the Public  
The Medical Profession and the Public  
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The Medical Profession and the Public  
The Medical Profession and the Public  
The Medical Profession and the Public

NEW BEDFORD INSTITUTE OF TEXTILES AND TECHNOLOGY (continued)

LEGISLATION

During the year legislation was filed requesting a grant of \$200,000 for the completion of the auditorium phase of the new engineering building. As of July 1 no action had been taken on this legislation. Legislation was also filed requesting \$175,000 for the equipping of the new building. As of July 1 no action had been taken on this legislation.

BOARD OF COLLEGIATE AUTHORITY

The Board of Collegiate Authority approved certain changes in the curricula of the institute. Authority was given which enables the institute to grant the following new degrees:

- B.S. in Mechanical Engineering in lieu of B.S. in Machine Design
- B.S. in Electrical Engineering
- B.S. in Textile Engineering - Knitting Major
- M.S. in Textile Engineering
- M.S. in Textile Chemistry

ENROLLMENT STATISTICS  
1954 - 1955

TABLE I  
DAY

Regular	Special	Veterans	Total
210	14	80	304

INDUSTRIAL EXTENSION

	Evening	Morning	Total
Fall term	894	-	894
Spring term	495	-	495

TABLE II

BREAKDOWN OF DAY STUDENTS

Degree Courses	1st yr.	2nd yr.	3rd yr.	4th yr.	TOTAL
Textile Engineering	10	9	5	7	31
Textile Design					
& Fashion	13	5	8	1	27
Textile Chemistry	31	18	16	10	75
Machine Design	34	36	10	9	89
Electrical Engineering	28	6	0	0	34



THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION  
PUBLISHED WEEKLY  
CHICAGO, ILL., U.S.A.

# CONTENTS

ORIGINAL ARTICLES  
The Journal of the American Medical Association is a weekly publication of the American Medical Association, published at Chicago, Ill., U.S.A. The journal is published for the Association by the American Medical Association, 535 North Dearborn Street, Chicago, Ill., U.S.A. The journal is published for the Association by the American Medical Association, 535 North Dearborn Street, Chicago, Ill., U.S.A. The journal is published for the Association by the American Medical Association, 535 North Dearborn Street, Chicago, Ill., U.S.A.

## DEPARTMENTS

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## NEW BEDFORD INSTITUTE OF TEXTILES AND TECHNOLOGY (continued)

<u>Diploma Courses</u>	1st yr.	2nd yr.	3rd yr.	4th yr.	TOTAL
Textile Manufacturing	8	6	2		16
Chemistry, Dyeing and Finishing	1	-	-		1
<u>Certificate Courses</u>					
Drafting and Machine Shop Practice	-	11			11
Textile Technology	2	5			7
Repairing Power Sewing Machines	4	1			5
English Composition	4				4
Special Students	4				4

TABLE III

BREAKDOWN OF REGULAR STUDENTS BY RESIDENCE

MASSACHUSETTS		OUT OF STATE			TOTAL
Non-Vets.	Veterans	Non-Vets	Vets	Foreign	
210	77	5	3	9	304

9 foreign students represent the following countries:

Israel	3
Ecuador	2
Salvador	1
Korea	1
Mexico	1
Pakistan	1

TABLE IV

GRADUATION STATISTICS

	Day	Evening
1954-55	Degrees 33	Certificates 134
	Diplomas 2	
	Certificates 15	

Honorary Degree of Master of Science - 6





TABLE V

Evening School - Total - 1389

Engineering Drawing	56
Advanced Drawing	17
Tool and Die Design	14
English	19
Economics	24
Electronics I	44
Advanced Electronics	32
Electricity	36
Fashion Illustration	51
Mathematics	32
General Psychology	59
Industrial Psychology	29
Machine Shop	65
Loomfixing	9
Sociology	54
General Chemistry	23
Time Study	23
Testing	21
Screen Printing	74
Slide Rule	31
Psychology of Adjustment	60
Power Stitching	458
Maintenance Power	
Stitching Machines	158

Respectfully submitted,

*John E. Foster*  
 Dr. John E. Foster  
 President



CONTENTS

ORIGINAL ARTICLES

1	THE EFFECT OF THE VAGUS NERVE ON THE HEART
2	THE EFFECT OF THE VAGUS NERVE ON THE HEART
3	THE EFFECT OF THE VAGUS NERVE ON THE HEART
4	THE EFFECT OF THE VAGUS NERVE ON THE HEART
5	THE EFFECT OF THE VAGUS NERVE ON THE HEART
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14	THE EFFECT OF THE VAGUS NERVE ON THE HEART
15	THE EFFECT OF THE VAGUS NERVE ON THE HEART
16	THE EFFECT OF THE VAGUS NERVE ON THE HEART
17	THE EFFECT OF THE VAGUS NERVE ON THE HEART
18	THE EFFECT OF THE VAGUS NERVE ON THE HEART
19	THE EFFECT OF THE VAGUS NERVE ON THE HEART
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Single copies, 15 cents.

## SCHOOL BUILDING ASSISTANCE COMMISSION

### PROJECTS APPROVED

As of June 30, 1955, 547 school construction projects in 217 towns, 31 cities, and 7 regional school districts had been approved by the School Building Assistance Commission. The total of the estimated approved costs (exclusive of the costs of site acquisition) of the 547 projects is about \$285,000,000.00.

### STATE CONSTRUCTION GRANTS

As of June 30, 1955, payments of \$13,912,729.31 had been certified on 423 approved projects to 193 towns, 28 cities, and 5 regional school districts. The total of the approved costs of these 423 projects is about \$206,000,000.00; the total state aid on these projects will be about \$72,000,000.00.

### REGIONAL SCHOOL DISTRICTS

As of June 30, 1955, twenty regional school districts had been established in Massachusetts. Six were established since July 1, 1954. Four regional school districts were in operation, five were under construction, eight were advancing toward final plans, and three were in a state of suspended animation. About fifty towns were studying regional possibilities formally.



THE HISTORY OF THE UNITED STATES

CHAPTER I

The first part of the history of the United States is the history of the discovery and settlement of the continent. The discovery of the continent was made by Christopher Columbus in 1492. The settlement of the continent was made by the first English settlers in 1607. The history of the United States is a history of the struggle for freedom and independence.

CHAPTER II

The second part of the history of the United States is the history of the growth and development of the country. The growth of the country was rapid in the early years of settlement. The development of the country was slow and steady. The history of the United States is a history of the struggle for progress and improvement.

CHAPTER III

The third part of the history of the United States is the history of the civil war and reconstruction. The civil war was fought between 1861 and 1865. Reconstruction was the period of rebuilding the country after the war. The history of the United States is a history of the struggle for justice and equality.

ANNUAL REPORT  
1954-55  
OFFICE OF SCHOOL LUNCH PROGRAMS

The fiscal year of July 1, 1954 -- June 30, 1955 has seen steady and substantial progress in the School Lunch Program of the Commonwealth.

Compared with last year, there has been an increase in the number of schools participating in the program; the percentage of participation by pupils in schools; and the number of Type A meals served.

Greater efficiency of operation of the programs in the schools has been noticeable, and has logically resulted in better meals for the children, better use of commodities, equipment and personnel. Service offered to the schools by the Office of School Lunch Programs have been in great demand by school administrators and lunchroom Managers; and the growth of the program has been fostered by such cooperative arrangements.

There has been steady growth, also, toward the acceptance by school administrators of the policy that school lunch is an integral part of the school program. As a corollary of this acceptance, an ever greater number of schools include upkeep expenses of the lunchroom (rent, light, etc.) in the school budget. The child's lunch money, accordingly, is applied more often toward the actual cost of the food itself, and the whole lunchroom operation is on a sounder financial basis.

COMPARATIVE FIGURES FOR 1943-44, 1953-54 and 1954-55

Public and Private Schools Combined

	<u>1943-44</u>	<u>1953-54</u>	<u>1954-55</u>
Cities and Towns	126	301	305
Number of Schools	964	1,960	2,016
Number of Lunches	2,629,953	22,955,758	26,473,533
Number Bottles of Milk	13,583,023	62,005,634	75,008,373
Federal Grants	\$ 440,952.	\$1,463,888.	\$1,564,357.
State Appropriation	-	\$1,299,496.	\$1,497,419.
Cities and Towns Matching Funds	-	\$2,262,614.	\$2,603,173.
Pounds of Direct Distribution Commodities	1,223,709	7,262,425	5,935,736
Value of Commodities	\$ 103,537.	\$2,310,073.	\$2,094,381.



# THE HISTORY OF THE CITY OF LONDON

From the year 1066 to the year 1700, as far as the same is  
concerned in the History of the City of London, and the  
County of Middlesex.

By JOHN STOW, Citizen of London, and Surveyor of the City.  
Published by Thomas Stow, at the Sign of the Gun, in  
St. Dunstons Church, in the Parish of St. Dunstons, in the City of London.

Printed by I. I. at the Sign of the Gun, in St. Dunstons Church, in the Parish of St. Dunstons, in the City of London.

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THE HISTORY OF THE CITY OF LONDON			
CONTENTS			
1066	1085	1100	1115
1115	1130	1145	1160
1160	1175	1190	1205
1205	1220	1235	1250
1250	1265	1280	1295
1295	1310	1325	1340
1340	1355	1370	1385
1385	1400	1415	1430
1430	1445	1460	1475
1475	1490	1505	1520
1520	1535	1550	1565
1565	1580	1595	1610
1610	1625	1640	1655
1655	1670	1685	1700



This is the fourth year that the State Legislature, through the enactment of Chapter 538, has provided for the payment of the deficiency between the amount available from the Federal allotments and the maximum amounts which could be paid to schools.

Through this enactment, it has been made possible to establish a cash reimbursement policy of 9¢ for all Type A, meals, 6¢ for all Type B, meals; and 2¢ for all Type C, meals per  $\frac{1}{2}$  pint of whole, unflavored milk served.

The maximum reimbursement policy, together with generous quantities of USDA commodities made available to schools, have made possible a pricing of lunch to the child of 25¢ or less. This low price has made it possible for more children to participate in the program; and the greater volume of lunches served has, in turn, enabled more schools to break even in respect to costs.

#### EXPANSION OF SERVICE ACTIVITIES

1. Procedure Bulletins and Letters. Bulletins Number 1, 2, 3, and 4 together with letters to Superintendents and School Lunch Administrators clarifying accounting and management policies, have been re-drafted and re-run with minor changes.
2. The Monthly Bulletin. This Bulletin is sent to school and lunchroom personnel of participating schools, and gives information on Plentiful Foods, commodities available for distribution, menus and recipes, tips on storage and sanitation, and other practical services. Added emphasis this year has been placed on the cost accounting of meals and maintenance of counter records.
3. Administrative Reviews. The School Lunch Program has been operating now for several years in most schools. Extensive Administrative Reviews over a period of years have brought about a familiarity with the principles contained in the Agreement, and in most instances, a smooth operation. The Program has now reached a point where it is felt that more time could be spent in assisting individual programs, particularly new ones. Emphasis has therefore shifted from volume of Reviews toward more concentrated help where it was most needed. This help has consisted of assistance in menu-planning, methods of saving time and labor, personnel problems, storage, better use of commodities and better sanitation. In addition, assistance has been given in remodeling problems, purchase of new equipment, and setting up adequate records. Requests for this well-rounded service have been fulfilled, as soon as possible, however, our field service staff is inadequate to keep current with these requests.
4. Accounting and Record-Keeping Assistance. In accordance with the policy described in 3. above, emphasis has been shifted to greater mechanization of office record-keeping, so that work could be done faster and more people released for outside field work, coordinated with Reviews.



The first of these is the fact that the United States is a young nation, and that its history is a history of growth and expansion. It is a history of a people who have been able to overcome all the difficulties which have been thrown in their way, and who have been able to build up a great and powerful nation.

The second of these is the fact that the United States is a nation of immigrants. It is a nation of people who have come from all parts of the world, and who have brought with them the customs and traditions of their native lands. This has made the United States a melting pot of different races and nationalities, and has made it a nation of great diversity.

The third of these is the fact that the United States is a nation of great natural resources. It is a nation of great wealth, and of great power. It is a nation of great beauty, and of great interest. It is a nation of great hope, and of great promise. It is a nation of great glory, and of great honor.

### THE HISTORY OF THE UNITED STATES OF AMERICA

The history of the United States is a history of a people who have been able to overcome all the difficulties which have been thrown in their way, and who have been able to build up a great and powerful nation. It is a history of a people who have been able to overcome all the difficulties which have been thrown in their way, and who have been able to build up a great and powerful nation.

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EXPANSION OF SERVICE ACTIVITIES, Continued

5. Personnel Training and Exchange of Information. During October and November, County Workshops for lunchroom personnel were held in connection with the annual County Teachers' Associations. Programs for the County meetings consisted of food demonstrations, a panel on children's food preferences, methods of preparing foods so that their values are conserved, and discussion periods.

The Annual School Lunch Summer Institute, held for the 20th consecutive season at the Fitchburg State Teachers College, was attended by 315 school-lunch Managers and workers. The range of topics and demonstrations comprised such practical ones as menu-making and work simplification; portion and food-cost control; sanitation and safety measures; planning and equipment; records and financial controls; recipes, buying and resource materials.

A new professional organization for food-service personnel, the Massachusetts School Food Service Association, asked for our help in conducting and planning meetings. This office worked closely in assisting them with regional meetings throughout the state, as well as the Annual meeting of the Association, held at Natick.

6. Assistance to Local Communities in Designing New Buildings and Remodeling Old Ones. Requests for help, to supplement architects' plans, have come to this office in greatly increased volume during the present fiscal year. A great deal more time has had to be devoted to this new phase of service during the 1954-55 year. Such increased numbers of requests indicate that school administrators feel greater responsibility for smooth functioning of the school-lunch department and realize the value of impartial advice, not always available when architects rely on equipment manufacturers.

By such cooperative planning, we have been able to help schools save money on facilities and equipment needed immediately and, at the same time, include possibilities for expansion in plans. The whole lunchroom operation needs to be seen as a whole and every phase correlated, if service is to be speedy, as noiseless as possible, and efficiently managed from the first receipt of food in the storeroom to its final presentation on the counter.

7. Cooperation in College Training of Future Supervisors and Managers. At the request of Boston University, the Garland School, Simmons College and Framingham Teachers College, --- members of our Staff have lectured to graduate students in Home Economics and Nutrition several times a year, and taken them on field trips.

SPECIAL SCHOOL MILK PROGRAM

Milk is the most nearly perfect of all foods and is an essential part of the diets of growing children. Yet many children do not consume milk in adequate amounts. At the same time, there is need to expand markets for the products of our dairy farms. To assist in increasing milk consumption by school children and in expanding dairy markets, Congress provided in the Agricultural Act of 1954 that:



# CHAPTER I

The first of the great principles of the American Revolution was the right of the people to alter or to abolish their government, and to institute a new one, when it was found to be destructive of the ends for which it was established.

The second principle was the right of the people to be taxed only by their representatives.

The third principle was the right of the people to a trial by jury.

The fourth principle was the right of the people to a free press.

The fifth principle was the right of the people to a free assembly.

The sixth principle was the right of the people to a free election.

The seventh principle was the right of the people to a free education.



SPECIAL SCHOOL MILK PROGRAM, Continued

"Beginning September 1, 1954, and ending June 30, 1956, not to exceed \$50,000,000 annually of funds of the Commodity Credit Corporation shall be used to increase the consumption of fluid milk by children in nonprofit schools of high-school grade and under."

How the Program Operates. To increase milk consumption by children, nonprofit schools of high-school grade and under are reimbursed in connection with the cost of additional milk served to children.

School officials are given wide authority to encourage consumption along lines best suited to individual needs. The additional milk may be served at any time during the school day. A child may drink as many additional half pints as he desires.

A milk-consumption base, established for each participating school, will represent normal consumption of milk by children in the school. Reimbursement will be made for all milk served to children in excess of this base, if the school agrees to:

Operate its food or milk service on a nonprofit basis.

Serve only fluid milk meeting applicable State and local standards as to butterfat content and sanitation.

Reimbursement payments to schools are made monthly. The rate of reimbursement for each additional half pint of milk served to children depends upon such factors as the level of normal milk consumption in the school and the cost of milk to the school.

Opportunity for Improvement. While the program showed substantial success in this first year, it also showed opportunities for improvement. Several simplifications in administration were recommended -- including discontinuance of the fixed historical base to compute reimbursement to schools, and the use of a combined report form for both school lunch and school milk programs.

Improvements Made. Department of Agriculture officials have reviewed the operation of the program this year, have conferred with representatives of the dairy industry and state and local school systems, and have made certain modifications in the program. Here are the principal points:

1. Next year participating schools will be reimbursed for all milk that is served to children as a "separate item" in excess of the  $\frac{1}{2}$  pint that is served as a part of a Type A or B lunch under the National School Lunch Program. (These lunches include  $\frac{1}{2}$  pint of milk and meet other nutritional requirements established by the Secretary of Agriculture under the National School Lunch Act.)
2. The School Lunch Office will continue to be responsible for establishing rates of reimbursement for individual schools within the maximum rates established by the Department of Agriculture. The maximum rate that the



CHAPTER I

At the year 1776, the United States of America, having declared their independence from Great Britain, and having established a new form of government, the first Congress of the United States met at Lancaster, Pennsylvania, on the 1st of September, 1776.

The first business of the Congress was to declare the independence of the United States from Great Britain, and to establish a new form of government.

The Congress then proceeded to declare the independence of the United States from Great Britain, and to establish a new form of government.

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SPECIAL SCHOOL MILK PROGRAM, continued

state may assign is 4 cents per  $\frac{1}{2}$  pint for schools serving Type A and B lunches under the National School Lunch Program and 3 cents per  $\frac{1}{2}$  pint for all other schools.

3. Provisions also will be established to insure that, as a result of Federal payments, the price of milk will be materially lower to the children participating in schools.

Actual Reimbursement during 1954-55 School-Year. Because the Program did not start until October 1954 and certain of the regulations governing the operation of the program during the 1954-55 school-year hampered its operation we were unable to use the total grant of Federal funds allocated Massachusetts in the amount of \$1,169,000.00. In addition to the 64,316,490  $\frac{1}{2}$  pints of milk served under the National School Lunch Program we reimbursed schools for an additional 10,691,883  $\frac{1}{2}$  pints of milk at a cost of \$409,269.86.

It is anticipated that as a result of the changes mentioned above that considerably more milk will be served to children in 1955-56 and that the entire Federal grant will be used.



THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE

RECEIVED  
JAN 21 1956  
RESEARCH & STUDIES

The Journal of the Royal Anthropological Institute is a quarterly publication of the Royal Anthropological Institute, London. It is devoted to the publication of original research papers and reviews in the field of human evolution, physical anthropology, and social anthropology. The Journal is published by the Royal Society of Medicine, London.

The Journal is published quarterly, in January, April, July, and October. The subscription price of the Journal, which includes postage, is £12.00 per annum in advance. Single copies are available for purchase at a special price of £3.00 each.

The Journal is published by the Royal Society of Medicine, London, 11, St Andrews Place, Regents Park, London, N.W.1. The Editors are Professor H. H. S. Turner, F.R.S., and Professor J. H. H. S. Turner, F.R.S.



DIVISION OF VOCATIONAL EDUCATION  
AGRICULTURAL EDUCATION  
DAY SCHOOLS AND DEPARTMENTS

The regional high school movement in Massachusetts continues to forge steadily ahead. Considerable time has been spent with planning and school committees and school administrators discussing the advisability of establishing vocational agricultural education, conducting surveys and assisting in designs and classroom and shop equipment. The offering of agricultural training in these regional schools means improved facilities of service to an area not previously offering such training.

The courses of study are fitted to the needs of the individual and locality. Instruction is offered throughout the year. Massachusetts has a comprehensive program of placement and establishment. However, military service is handicapping the establishment in many cases of enterprise projects of a continuing nature. One new center was established in Wachusett Regional High School. Surveys were conducted in six centers in 1955. Fourteen centers have new facilities consisting of farm shops, classrooms or both. These improvements have affected 66.6% of the centers.

Since 1937 twelve centers have been established, an increase of 57%. It is contemplated that at least four additional centers will be established in 1957.

July 1, 1955, one center will be re-established having adequate farm shop and classroom, completely equipped. One new department in the Silver Lake Regional High School, Kingston, has been approved for establishment July 1, 1955.

A continued increase in salaries of teachers has been noted. The average salary for 90 full-time teachers was \$4,575.00 for 1954-1955 as compared with \$4,434.00 for the previous year.

EVENING SCHOOLS

Six centers operated Evening Agricultural Schools this year with an enrollment of 349 in seventeen unit courses. These courses were in the fields of improved farm practices, improvement of home grounds, farm mechanics, dairy laboratory practices, poultry management, greenhouse production and floral design.

AGRICULTURAL TEACHER-TRAINING

Effective July 1, the present school of Agriculture and Horticulture will be given college status in accordance with a recent ruling of the trustees of the University of Massachusetts. With the completion of current re-organizational plans the newly designated college will consist of 13 departments. Its instructional program will be conducted on three levels - a four-year Bachelor of Science Course, a two-year vocational course in the Stockbridge School of Agriculture, and graduate studies. Three new departments are to be incorporated within the new College; one, the Department of Dairy and Animal Science, Agricultural Engineering, and a third component, Agricultural Communications.



THE HISTORY OF THE  
CITY OF BOSTON  
FROM 1630 TO 1800

The first of the three volumes of the History of the City of Boston, from 1630 to 1800, is devoted to the early history of the city, from its first settlement in 1630 to the year 1700. The second volume covers the period from 1700 to 1750, and the third volume covers the period from 1750 to 1800.

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It is not anticipated that the above-mentioned developments will have an immediate effect upon the preparation of students for teaching of vocational agriculture. We can expect that better service will be provided citizens of the state and more opportunities for professional improvement of employed teachers of agriculture.

#### Pre-Service Training:

The enrollment in the Schools of Agriculture and Horticulture for the 1954-1955 year totaled 350 for the four year program; 320 in the Stockbridge School.

Sixteen students were enrolled in teacher-training classes. Because of military requirements only one is available for a regular teaching position.

A continuing effort was made to recruit qualified candidates for teacher-training in vocational agriculture. Results were gratifying. A form letter was again sent to all students majoring in the Schools of Agriculture and Horticulture announcing opportunities. A new film "The Vocational Agriculture Teacher" was used to a good advantage. If we can be assured of fifteen bona fide candidates annually we will be in a position to fill all vacancies that usually occur in our field of education.

Under the "Apprentice Teaching" plan, which calls for one calendar year of practice teaching under the directed supervision, a total of four teachers were in training. Military service interrupted the training of one teacher. In spite of being in a position to offer a training salary of \$2000 the outlook for filling the four vacancies in our critic training centers in the year ahead appears dim.

#### In-Service Training:

Every year a few teachers are employed and approved subject to the completion of the teacher-training requirement. As the number is small it does not warrant conducting teacher-training classes annually. The plan adopted in 1953 continues which calls for organized classes on a biennial basis.

Professional improvement opportunities have been provided employed teachers in technical fields. Again A. H. Hollenburg of the U. S. Office of Education conducted a 30-hour course on "Care and Maintenance of Farm Implements." Twenty-three teachers completed the course.

Special 2-day short-intensive schools were arranged in the following subjects: Farm Credit, Rural Electricity, Vegetable Judging, Farm Forestry, and Welding.

Four releases were prepared and distributed as special teaching aids during the past year. The titles of these publications are: (1) Stimulating and Developing Young Farmer Programs; (2) Brochure for the Massachusetts Association Future Farmers of America Foundation, Inc.; (3) Revised Farm Mechanic Skill Sheets; and (4) Revised edition of "Suggested Texts, Reference Books, Periodicals, Magazines, and Booklets for Use in Vocational Agriculture."





In addition a total of eight staff letters were prepared and issued. Distribution runs to about 300 copies to all teachers of vocational agriculture, directors, superintendents, and cooperating agencies.

A score or more of new technical agricultural texts have been examined as potential books for use in teaching vocational agriculture. Reviews were prepared bringing the announcements to employed teachers. Assistance is given teachers in helping them choose desirable texts.

Professional improvement programs completed by the employed teachers were exceptionally good during the past year. All but two teachers were granted certificates of completion. Although no one completed requirements for a Master's Degree, the great majority of teachers have a healthy attitude toward professional improvement and several have pursued graduate work.

#### Special Duties and Services:

The Supervisor of Agricultural Teacher-Training and one teacher attended a Regional Workshop on the Young Farm Program at Cornell in August 1954. In addition the Head Teacher-Trainer served as a member of the National Advisory Council to the Agricultural Branch of the U. S. Office of Education in May 1955. Both teacher-trainers participated on the North Atlantic Regional Conference Program held in April at New York City.

The Teacher-Training Office continues to coordinate and plan for the following events held at the University of Massachusetts: State FFA Judging Days (3 days), State FFA Convention (2 days), State FFA Tractor Driving Contest (1 day), and Stimson-Heald Collegiate FFA Chapter - annual program.







## TRADE AND INDUSTRIAL EDUCATION

### BOYS AND MEN

#### Day Schools

The new Regional School has been established at Kingston. They are planning on opening two Trade and Industrial shops in September 1955. Actual construction has occurred in Dartmouth, Southbridge and Worcester. Specific planning activity has been carried on for new buildings at Barnstable, Framingham, Greenfield, Marlboro, North Adams, and Waltham. Preliminary activity has started in Arlington, Beverly, Dighton, Gloucester and Newburyport. A re-equipping of an automobile repair shop in Randolph will provide adequate facilities for a new program at that center.

Enrollment in the all-day trade school for boys continues to increase. This condition, no doubt, will exist for at least the next five years due to the increased birth rate during World War II. This condition is not present in the girls' field where the decrease in enrollment is noted due to the availability of jobs in industry which require little or no training.

The total number of pupils enrolled in the all-day schools for the 1954-1955 school year was 11,465 boys and 1,310 girls. The following new departments have been added: Machine Drafting, Leominster; Auto Body Repair, Northampton; Diesel, Springfield; Fainting and Decorating, Springfield. The name and course content of one program in Medford has been changed from "Radio" to "Radio and Electronics." The Wrentham Regional School is now being surveyed for possible vocational needs.

#### Part-time Cooperative and Apprenticeship Schools

Part-time cooperative. The enrollment in the part-time cooperative schools was 2,058. A new cooperative school was established in Arlington for three departments - Auto Repair, Machine, Radio.

Apprenticeship. The Related Instruction classes for indentured apprentices serve apprentices of which 4,676 attend classes in our Vocational schools, 1,092 apprentices received related instruction in other training facilities which are approved by the Vocational Division of the Department of Education. Related instruction for apprentices was offered in vocational schools in 28 centers which included 197 classes offering instruction in 59 trades.

#### Evening Schools

The Evening Trade Extension Program was most successful as to enrollment and accomplishment. This type of class was held in 34 centers, offering instruction in 74 different trades or occupations with an enrollment of 6,500. We are pleased to report that technical courses and upgrading courses for journeymen from individual industrial concerns were established and proved most beneficial to the students who attended.



THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

By JOHN BURNET, D.D. Bishop of Salisbury.  
The first part of this history is divided into three books, the second into two, and the third into one. The first book contains the reign of Charles the First from his accession to the throne in 1625, to his death in 1649. The second book contains the reign of Oliver Cromwell from his death in 1658, to his death in 1659. The third book contains the reign of Richard Cromwell from his death in 1659, to his death in 1660.

The second part of this history is divided into two books, the fourth into one, and the fifth into one. The fourth book contains the reign of Charles the Second from his accession to the throne in 1660, to his death in 1685. The fifth book contains the reign of James the Second from his accession to the throne in 1685, to his death in 1702.

The third part of this history is divided into two books, the sixth into one, and the seventh into one. The sixth book contains the reign of Anne from her accession to the throne in 1702, to her death in 1714. The seventh book contains the reign of George the First from his accession to the throne in 1714, to his death in 1727.

THE HISTORY OF THE

REIGN OF  
GEORGE THE SECOND

By JOHN BURNET, D.D. Bishop of Salisbury.  
The first part of this history is divided into two books, the eighth into one, and the ninth into one. The eighth book contains the reign of George the Second from his accession to the throne in 1727, to his death in 1760. The ninth book contains the reign of George the Third from his accession to the throne in 1760, to his death in 1800.

THE HISTORY OF THE

REIGN OF  
GEORGE THE THIRD



### Continuation Schools

Continuation schools were conducted in Andover, Boston, Cambridge, Lowell, New Bedford and Taunton. Schools in Leominster, Salem, Somerville, and Springfield, while not officially discontinued have had no enrollments during the past year.

### Public Service Occupations

The Fireman Training Program is the dominant feature of this service. Proper compliance with Federal regulations made certain changes necessary in connection with the administration of the Fireman Training Program. This program divides itself into two phases, (1) Training of Drill Masters, (2) Training of Fire Fighters. The first phase is a legitimate part of the program of Vocational Teacher-Training, and will continue to function as in the past. The second phase, the Training of Fire Fighters, is a legitimate part of the program of Vocational Trade Extension Education. Under our State law, and in accordance with Federal regulations, this phase is now conducted by the local community under the control and supervision of the trustees for Vocational Education. All proposals for the operation of classes for Training of Fire Fighters are submitted through local vocational directors to the state office for approval. All attendance sheets and other statistical data is submitted by the instructors of these classes to the local directors, who will process this data in the same manner as they do all the other information concerning trade extension classes. Any certificates or credits to be issued will be made out by the local school director's office.

Work in Training of Teachers, including pre-service and in-service, by State Board, by designated institutions, by local boards of education

Teacher-training classes for tradesmen employed during the day were conducted by members of the Teacher-Training staff of the Division of Vocational Education in the evening during the fall and winter months and during the day at the summer school at Fitchburg State Teachers College. Part I of the teacher-training course consisting of 100 clock hours of class instruction and 20 hours of supervised practice teaching was conducted in Boston (2 classes) and in Holyoke (1 class). One all-day course was conducted for four weeks at the Vocational Summer School at the Fitchburg State Teachers College.

There were 71 enrolled in the teacher-training classes, Part I, representing 15 different trades or fields of instruction.

Part II of the teacher-training course (120 clock hours of class instruction) was held in Boston (2 classes) and Worcester (1 class). One all-day course was conducted for four weeks at the Vocational Summer School at the Fitchburg State Teachers College. There were 90 enrolled in teacher-training classes, Part II, representing 18 different trades or fields of instruction.







Supervisors made periodic visits to vocational schools for the purpose of observing the work of the teachers on the job. Professional Improvement courses granting college credit leading to the Degree of B. S. in Education (Vocational) were conducted under the direction of the Division of Vocational Education in cooperation with the Fitchburg State Teachers College. During the year 1954-1955, these courses were conducted at Boston. There were 92 enrollments representing 18 different trades. These figures do not include those attending summer school degree credit courses. Five hundred and ninety-two (592) teachers proposed Professional Improvement work during the year.

The annual Summer Conference for Directors and Instructors of State-aided Vocational Schools was conducted at the Fitchburg State Teachers College with an enrollment of 735 teachers including 438 men, 248 women, and 49 directors.

### Special Teacher-Training Services

A special teacher-training class for teacher-trainers was conducted for two weeks at the State Teachers College in Fitchburg during the summer months. Fourteen (14) future teacher-trainers were invited to participate in this very successful program.

Foreman training classes were conducted in the following centers: Boston (5 classes), Lee (2 classes), Haverhill (2 classes), Lowell (1 class), Ware (1 class), Fitchburg (1 class). The total number enrolled was 137.

At the request of the Regional Training Director, U. S. Post Office two very successful Supervisory Training Courses were conducted for the benefit of the newly appointed Training Supervisors of the various post offices in the New England Region. Of particular note was the high degree of selectivity which the post office department exercised when it chose 13 candidates out of approximately 500 applicants. More significant, however, was the fact that the Vocational Division of the Massachusetts Department of Education was chosen in preference to all other States in the Region, to conduct the desired courses. The first course was "Supervisor Instructor Training" and the second course was "Techniques of Supervision and Conference Leadership."

The Personnel Director of the Massachusetts General Hospital requested a series of four supervisory training courses which were most successfully conducted for the benefit of the supervisory staff at the hospital. These included: "Techniques of Supervision," (2 courses) and "Supervisor Instructor Training," (2 courses). A significant feature regarding the need for courses dealing with correct supervisory techniques is evidenced by the fact that a staff of over 2,600 people is required to maintain this hospital.

Two additional hospitals took advantage of the splendid training facilities of the Vocational Division as evidenced by their requests for the following courses: (a) Hale Hospital (Municipal), Haverhill, Massachusetts, two courses, each course twenty hours, "Supervisor Instructor Training," 30 members; (b) St. Johns Hospital, Lowell, one course, twenty hours, "Supervisor Instructor Training," 16 members.







Industry again requested assistance in the form of three Supervisor Instructor Training Programs. Each course consisted of twenty class hours with a total enrollment of 47 persons.

Cooperation with groups or organizations such as employees and employers, veterans, and U. S. Employment Service

The veterans On-the-Job Training continues to be a responsibility of this department. Three hundred and fifty-five (355) programs were approved during the year. The new P. L. 550 programs are being received and approved at approximately the same rate as last year.

The supervision of Veterans "Other On-the-Job Training" will continue to function for P. L. 550 plus a few P. L. 346 programs. Three supervisors are regularly employed to administer this phase of our program.

Use of Advisory Committees

Due directly to the influence of the supervisors of this department, more frequent use of the local advisory committee is resulting. A noticeably good effect is being noted by this participation. "Deadwood" is being eliminated from certain committees, being replaced by active and interested citizens who work closely with administrative heads.

Art in Industry and Business

During the year the program in this field has been concentrated on promotion. Classes were conducted at the Massachusetts School of Art for teachers of Distributive Education and also at the Vocational Summer School Conference conducted at the State Teachers College, Fitchburg.

A Seminar Program of Industrial Design was conducted by the State Supervisor of Industrial Arts during the year. This Seminar stressed the need of close working relationship that should exist between the design, engineering, production and sales departments of a company, and aid manufacturers to attain a better competitive position on today's markets through a more comprehensive understanding of the steps involved in the creation of new design.

Private Trade Schools

During the reporting year, work was continued on applications for licensed schools for license renewals under the private school law, G.L., Chapter 93, as amended.

The amendment of Chapter 257 in 1954 included schools giving training in the field of trade and industry, and added all private schools in the fields of art, business, music, sales and distribution, communications and preparation for civil service or competency examinations. This change involved the revision of forms and of the rules and regulations as well as the preparation of lists of schools subject to the law.





The number of licensed schools on June 1 for the last four reporting periods is as follows:

1951 - 121 schools	1953 - 81 schools
1952 - 99 schools	1954 - 49 schools

The drop in 1954 came about when the Attorney General ruled that schools teaching flying were not subject to the license law.

The largest group of schools under the 1954 amendment was in the field of business, hence the licensing procedure was started with them. So much opposition and resistance developed that the work of licensing was hampered and delayed. The opposition apparently culminated in Senate Bill No. 234 which was enacted into law as Chapter 371 of 1955 effective August 15; this law eliminated the amendment of 1954 and limits licensing to schools giving training in a trade or industrial occupation.

Many of the business schools, however, showed full cooperation in the licensing procedure, while others in effect refused to file the required annual report. This non-compliance was referred in June, 1955, to the Attorney General's Office. The license status on June 1, 1955, of all schools subject to the law is as follows:

Number of schools licensed

Trade	47
Business	27
Civil Service	1
Music	0
Communications	<u>1</u>
	76

Number of schools failing to file Report

Business	18
Communications	<u>2</u>
	20

Number of schools which discontinued	2	
Number of teacher-training classes	1	
Amount of license fees received		\$7250.00
Refund		<u>100.00</u>
		\$7150.00

Special Studies Relating to Trade and Industrial Education

Two special studies have been conducted during the year. The first is the so-called "South Shore Survey" which was a comprehensive study of the vocational needs of 13 communities of the South Shore area of the State. The survey was inaugurated by a request from the Superintendents of Schools of these communities.

A 36-page report was compiled recommending serious consideration for a Regional Vocational High School. Should this materialize it could represent an entirely new venture in Vocational Education in Massachusetts.



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## TRADE, INDUSTRIAL AND HOMEMAKING EDUCATION

## GIRLS AND WOMEN

Day Industrial Schools

The physical facilities and the training program of the Practical Nursing Program in the David Hale Fanning Trade High School, Worcester, and in the Springfield Trade High School have been excellent. The chief problem in the further development of these programs has continued to be that of recruitment.

However, the membership in both centers has been more satisfactory this year. A sufficient number of women are now inquiring about the program, so that it is becoming increasingly possible to be more discriminating in the final selection of pupils.

Now that these programs have been going long enough for the graduates to be employed, it is anticipated that the satisfactions of both the employed practical nurses and of the employers will encourage more young women to enroll in and complete such a training program.

There has been an increasing response to the Cosmetology program in the several Trade High Schools, resulting in the employment of a second hairdressing instructor in the Henry O. Peabody School, Norwood, and in the Springfield Trade High School.

A short unit course in Elementary Foods and Nutrition was offered again this year at the Boston Trade High School for a group of student nurses.

Because of relatively little related wage-earning employment or interest in the same, the Trade Preparatory Power-Stitching program in Lowell was discontinued in January 1955.

A change in the local employment situation, has affected the response to the Trade Preparatory Power-Stitching program in Taunton, also. Only one class per week rather than three as originally planned was organized this year. A new industry (Electronics plant) in a neighboring community is now employing over twenty-five hundred young women at satisfactory wages without preliminary training. This accounts, in part, for the lack of interest in the Power-Stitching program.

Day Household Arts Schools

A state-aided Day Household Arts School was established in the new Wachusett Regional High School, serving the towns of Holden, Paxton, Princeton, Rutland and Sterling.

The State Supervisor has continued to work cooperatively with local superintendents of schools, high school principals, home economics teachers, architects, advisory committee members and building committee members in planning new or remodeled multi-purpose homemaking laboratories in both Junior and Senior High Schools. Such cooperative planning has afforded a fine opportunity to review the philosophy of the homemaking education program



THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

The first of the reign of Charles the first was a year of great calamity to the kingdom. The king was at the head of the army, and the people were in a state of rebellion. The king was at the head of the army, and the people were in a state of rebellion.

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and to stress the scope, emphases and newer methods of instruction in a family-centered program. Such service has been rendered during the past year in at least twenty-five communities, including, Agawam, Ashland, Avon, Barnstable, Bedford, Holliston, Hopkinton, Hudson, Hull, North Reading, Norton, Orleans, Plymouth, Salem, Saugus, Shelburne, Shrewsbury, Southboro, Townsend, Vineyard Haven, Wayland, West Boylston and Woburn.

Similarly, such service has been rendered in connection with the new Frontier Regional High School which is to serve the towns of Conway, Deerfield, Sunderland and Whately; and the new King Philip Regional High School which is to serve the towns of Norfolk, Plainville and Wrentham.

Considerable cooperative planning has continued with the administrators and homemaking instructors of the new Silver Lake Regional High School, so that it is anticipated that the Homemaking Education program will get off to a good start when the new building is ready for occupancy beginning September 1955.

As a result of earlier cooperative planning of the homemaking education program in Saugus and the assistance given in planning the homemaking facilities in the new High School building, a reimbursed program is to be initiated with the opening of schools in September, 1955.

In an effort to develop a better understanding of the purposes and organization of the Future Homemakers of America, the State Supervisor spoke to the members of the Home Economics Education class at Simmons College, in July 1954, and to the senior Home Economics students at the Framingham State Teachers College in May 1955.

At the annual Summer Vocational Conference the week of June 27, 1955, and at the Day Household Arts Conference held on April 1, 1955, the State Supervisor also explained the Future Homemakers of America to the teachers in attendance. Likewise, the possibility of organizing an affiliated Chapter was discussed at the time of the State Supervisor's visits to individual schools.

The 5th Annual School Lunch Section Meetings, in affiliation with the County Teachers' Association, were held in ten counties during October and November, 1954. All State School Lunch and Public Health Nutrition workers, together with local School Lunch Managers, contributed largely to promoting the effectiveness of these convention meetings. In attendance were more than 1,000 School Lunch workers employed in all phases of the work. It is anticipated that the 6th Annual Meeting for School Lunch Managers and Workers, in conjunction with the ten County Teachers' Convention, will be held in the Fall of 1955.

As of May 30, 1955, there have been 2016 public and private schools in 309 localities where the School Lunch has been served. The total number of "A" with and without milk meals was 24,426,444, and "B" with and without milk meals was 338,519, totaling 24,764,963 meals.







Including milk served with "A" and "B" meals, the total milk consumption was 70,905,855 half pint bottles. The daily participation for all programs "A", "B" and "C" was 400,470. The 16 State Schools which have had the program are included in the above. There has been an increase in participation of school lunches.

The request for the necessary funds to finance the initial expenses involved in a Massachusetts State-wide Home Economics Curriculum Study has been granted.

A questionnaire has been distributed to the Home Economics personnel in the state, both teacher educators and teachers, in order to stimulate critical thinking in regard to a recognized need for such a study, and to determine the major emphases and areas to be developed.

To get the Curriculum Study actively underway, a meeting for all interested participants is being planned and is to be held at the State Teachers College, Framingham, on November 17, 1955.

The State Supervisors have enjoyed the opportunity to become acquainted with several home economics visitors from other countries, to accompany them to some of the homemaking education programs, Home Economics Colleges, and to meetings of the Massachusetts Home Economics Association; and subsequently to help these visitors evaluate or interpret their observations.

#### Pre-Employment Teacher-Training and Training Teachers In-Service

A few new teachers have been needed due to retirement or withdrawal of experienced teachers or the development of new programs. Some of these new teachers have previously fulfilled all requirements and others are subject to the Women's Trade and Industrial Teacher-Training Course (120 hours) conducted each year at the Vocational Summer School at the State Teachers College, Fitchburg.

We are continuing to search for promising young tradeswomen who, with carefully guided programs of training, should qualify for future openings in the Girls' Trade High Schools. Some tradeswomen who have taught successfully in adult homemaking classes have qualified subsequently for this phase of teaching.

Each teacher in any Vocational School for girls or women is required to do at least 30 hours of professional improvement work each year which she has proposed to her director for approval. The director then submits it for approval of the State Supervisor of Teacher-Training.

The Heads of Girls' Trade High Schools and the State Supervisors visit all teachers in these schools and counsel with them with regard to their work and possible new ideas for their service, for the purpose of constantly upgrading instruction.







The State Supervisor has served as a member-at-large, and the Senior State Supervisor of Teacher-Training has served as a lay member on the Board of Directors of the Nursing Council of Greater Boston. Through this connection it has been possible to keep in touch with problems pertaining to the further development of the Practical Nursing program.

At the State Teachers College, Framingham, the resident training course for Vocational Household Arts teachers has continued in the main as reported in 1953-1954. The teaching of a family centered homemaking program has continued to be stressed.

Under-graduate apprentice teaching for Vocational Household Arts Schools has been carried on for six weeks, at two of the all-day Household Arts Schools, namely, Essex County at Danvers, and the New Bedford Vocational High School and in two Vocational Homemaking Departments at Lexington High School and Greenfield High School. The two week assignments were in the Vocational Homemaking Departments at Falmouth, Newburyport, Westport, and West Bridgewater High Schools.

Graduate apprentice training, made possible since 1934 by George-Ellsey, George-Reed, George-Deen and, now, George-Barden Funds, was offered again in 1954-1955 under supervision of the Framingham resident Supervisor. However, no candidates were available due to the shortage of trained home economics teachers.

Day Household Arts teachers, heads of schools, teachers and State Supervisors work together in groups and individually for the general improvement of the schools and the teachers' own work. The State Supervisors visit all teachers in the Day Household Arts Schools and counsel with them, with regard to their Professional Improvement programs, in order to maintain the high standards of training in the schools and strengthen the qualifications of teachers.

At the 41st Vocational Summer School for Teachers and Supervisors in State-aided Vocational Schools, with some General Home Economics teachers as Special Students, conducted at the State Teachers College, Fitchburg, from June 27 through July 15, 1955, and at the 21st Annual School Lunch Managers Conference from July 18 through July 22, 1955, many Day Household Arts teachers received help in connection with the Homemaking Program.

At this Fitchburg Vocational Summer Session, a Day Household Arts Teacher-Training course was conducted from June 27 through July 8, 1955; also a Trade and Industrial Women Teacher-Training course from July 5 through July 15, 1955. Included in the Day Household Arts Teacher-Training course were teachers varying in experience from one to many years; consequently, each teacher has made a contribution to the program in keeping with her experience. To this class have been admitted several Home Economics teachers who have had previous teaching experience, been homemakers for a number of years, and now are hoping to return to Homemaking teaching. Therefore, they need new contacts with present trends in Home Economics.



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On February 17, 1955, with the help of the Federal Supervisor, the State Supervisors conducted in Boston a Critic Teachers' Conference. To this Conference were invited representatives from each of the four Massachusetts colleges training Home Economics teachers; also Critic Teachers working especially with our Vocational Household Arts students. Each college was invited to extend the invitation to the Conference to their Critic Teachers. Again the goals for this Conference were to evaluate our procedures and practices in Pre-Service teacher education programs and to consider ways of improving our supervision of student teaching.

On April 1, the State Supervisors conducted in Boston a Conference for Department Heads and Instructors of Day Household Arts Schools including General Vocational Schools (Girls). The Conference was planned by a representative committee from the schools working with the State Supervisors. Each teacher attending the Conference participated actively in some one of the group discussions. At the close of the five conferences, a representative from each group reported to the entire Conference. At this Conference the State Supervisors reported briefly some of the outcomes of the New York Federal Supervisors Conference held in March 1955.

These two conferences had many outcomes showing that they had strengthened the program.

#### Adult Homemaking

##### (Evening Practical Art and Handicraft)

Continued state-wide interest in Practical Art Schools led to newly organized programs in eleven (11) localities. (Ayer, Billerica, Canton, Concord, East Longmeadow, Lenox, Milford, Montague, Rochester, Seekonk, and Templeton.)

Enrollment climbed to a new high of 34,450 with the same ratio of 50% interested in Clothing instruction. Of the other subjects offered, Home Decoration and Handicraft comprised the next largest percentage proving the direct carry-over of the Practical Art Program into the home.

Characteristics of the 1954-1955 Practical Art Program were the constant effort to upgrade content of courses; to demand trade standards even in short term courses; to offer bi-weekly classes in certain subjects to permit more out-of-class homework. The groups served continued to be largely under thirty years of age - most of whom needed help in home problems, and the over fifty years group who anticipated retirement sought part-time remunerative skills for their later years.

Annual exhibits reached a new high in numbers ranging from 200 to 6,000 in attendance. No longer do only women participate and attend these events, but up to 40% are men, indicating the increased interest in the importance of this phase of Vocational Education in the community.





## Teacher-Training

### Pre-Service:

Evening Practical Art Teacher-Training courses were offered regionally during 1954-1955 with the following enrollments: Barnstable, 15; Boston, 67; Fitchburg, 37; Springfield, 40; and Taunton, 16. These courses were conducted by the State Supervisor of Teacher-Training.

This makes a total of 175 Evening Practical Art teachers newly trained, 132 of whom are already employed.

These courses covered the History and Philosophy of Vocational Education, job analysis and lesson planning, actual teaching demonstrations and fundamentals of adult psychology.

### In-Service - Professional Improvement:

At the Vocational Conference and Summer School, State Teachers College, Fitchburg, June 27 to July 15, 1955, Evening Practical Art teachers took advantage of workshops and courses in Art: Basic Color and Design; Drawing; Applied Art; Composition and Arrangement of Wall Cases, Use of Paper Sculpture in Display; Dressmaking; Hand Touches for Custom Clothes, Fitting and Pattern Study; Analysis of New Dressmaking Techniques; Tailoring; Foods; Entertaining in the Home; Millinery; Nutrition; Weight Control; Demonstrations of New Sewing Machines.

Conferences were arranged for groups and individuals to discuss specific problems. All state supervisors were available by appointment during the conference.

During the spring, a series of general interest meetings were conducted in the Boston area and included a visit to a well-known interior decorating house, a trip to a silver factory and silver museum, lectures on wool, man-made fibres and new laundering techniques.

In the South Shore area a group of teachers completed a series of lessons on the techniques of decorated ware.

In some communities, the teachers themselves organize their own series of meetings, planning for speakers, demonstrations, and conferences with State Supervisors.







## DISTRIBUTIVE EDUCATION

The efforts of the state staff were centered about promotional work for the establishment of part-time cooperative training programs in Malden, Springfield, Boston, Plymouth, Silver Lake Regional School District, Leominster, Northampton, Taunton, Marlboro and Medford. Thirty-six conferences and meetings were conducted largely in this special area with school, business and civic groups. This promotional work was successfully culminated in Springfield, Boston and Medford, since new part-time cooperative programs are to be established in these centers September, 1955.

Comprehensive surveys were conducted in Malden, Haverhill and Leominster where the need for factual information was pertinent to the plans for establishment and/or development of the program. In two of these communities the survey work was predicated upon the efforts of the state staff to establish programs. One survey was conducted for the purpose of evaluating the program and provide for adjustments which were needed to raise work to a more acceptable level. The survey in this instance sharply indicated what had to be done in order to correct the deficiencies revealed.

The sizeable diminution of the part-time cooperative programs in Boston over the past few years is a direct result of the school consolidation plan and the suspension of a program in a high school building that was condemned and abandoned. Thus the gradual and continuous growth exhibited in Boston up until two years ago was reversed by a loss of two programs. The contraction in the number of programs measurably curbed the distributive education service in Boston. However, with the establishment of a new program for boys in Boston, it appears that distributive education will again expand over the next few years.

More than sixteen field and office conferences were held for the purpose of conveying information and giving directions to new teaching personnel. These conferences define for our teacher-coordinators the standards, approval requirements, subject matter, coordinating activities, school relationships, teaching aids, resources and special problems. Sizeable gains were experienced in the matter of student selection, instructional materials and classroom facilities.

The state staff was able to visit all schools at least twice during the past school year, all of which lead to improved classroom instruction and fewer discernible deficiencies. In all schools, direction was given to school administrators to forward the critical evaluation of the part-time cooperative program. Full opportunity was provided to distributive education personnel to suggest and recommend adjustments in the conduct of the work for the general improvement of the training. Again, as in past years, a great deal of time and effort was devoted to work with business organizations and individual businessmen for the purpose of engendering their support in the establishment, fabrication and advancement of the service.







The following communities maintained some phase of distributive education the past year: Boston, Brockton, Brookline, Chicopee, Danvers, Fall River, Fitchburg, Haverhill, Holyoke, Lowell, Malden, Marlboro, Medford, Newton, North Adams, Peabody, Pittsfield, Quincy, Salem, Somerville, Waltham and Worcester.

The Pre-Christmas Training program was conducted in the majority of communities where a part-time cooperative program is maintained. This special training commands from year to year the support, interest and enthusiasm of large and small merchants throughout the Commonwealth. The Pre-Christmas training program in Boston was this past year conducted at fourteen high schools, training and placing seven-hundred and nineteen boys and girls in approximately ninety-five retail stores throughout the Metropolitan area. These students earned a total of \$101,831.67, averaging \$141.00 each for the four-week employment period. In addition to their earnings, the students were provided the exploratory work experience which may serve as a basis for vocational guidance and career determination. In many instances, the training and work experience will direct qualified candidates to the part-time cooperative program within the particular school. Boston is doing a fine professional job in this important phase of distributive education.

The State Supervisor conducted Sales Clinics in Newton and Brookline for first-line and supervisory personnel from the retail stores in these communities. Additional activities that the State Supervisor maintained in relation to the general promotional aspect of the work were as follows: twelve talks to school, business and civic groups; participated in eight retail trade board meetings; main speaker at three Rotary Club meetings; completed twenty-six supervisory school visits and conducted seven administrative conferences.

A unique and special activity that engaged the state supervisor the past year had to do with the development of a plan for the Sears-Roebuck Foundation. This plan is designed to bring beneficial and wide attention to our area of vocational education.

#### Veteran training in present program and future plans.

All training activities in distributive education, specialized or otherwise, are maintained to accommodate veterans. As a matter of fact, in our evening programs, veterans are accommodated on a priority basis and every opportunity is held out to them in our extension programs. The state supervisor continues to serve as a consultant to the Board of Collegiate Authority in the matter of evaluating on-the-job training programs under Public Laws 346, 337 and 550, and counseling in the area of organizing and establishing individual enterprises. This section continues to serve the Division of University Extension in the matter of evaluating distributive occupations experience for state high school equivalency certificates.







## Teacher-Training - pre-service and in-service.

As it was reported last year, an adequate number of teacher-coordinator candidates are available to fill present and anticipated positions. No difficulties have been encountered in finding, qualifying and training part-time and evening teachers. The outlook is excellent for a continued supply of teachers in all areas of our work. The traditional pattern of teacher-training was followed this past year in the three areas of service. The main emphasis has again been placed upon the annual one week conference workshop for in-service and pre-service teachers. This conference is the professional improvement requirement for all in-service teachers, and is also utilized as teacher-training for pre-service teachers. All individuals who attend this conference workshop receive thirty clock hours credit in addition to satisfying the professional improvement requirement of the state office.

One of the recognized and primary functions of the annual workshop conference in distributive education is to provide the participants with opportunities to acquire information, practices, procedures and understandings of the many facets of the three areas of training. Additionally, it has proved successful in opening vistas to new and progressive activities carried on in outstanding programs throughout the country. Usually top-notch specialists are brought to the conference to work with our teachers in specific and technical areas. This year was no exception, since we were able to secure the services of Miss Agnes K. Brennan, Director of Distributive Education, Boston; Dr. Simon Williams, Director of Research and Education, American Cyanamid Company; and Mr. Samuel W. Caplan, Chief of Distributive Education, Pennsylvania. Since time limitations dictated the selection of only four or five topics which were designed to serve as focal points for the workshop activity and the discussion; the areas were chosen on the basis of a general consensus among the in-service teacher-coordinators, who have felt that attention and study need to be focused on specific areas. Some of the topics discussed at the conference workshop were as follows: The Awards Plan for Distributive Education Students; Procedure in the Construction and Development of a Teachers Manual; Advances in Dyeing and Chemical Refinishing of Textiles; The field Trip as a Teaching Device; The Adult Extension Program. All of the participants at the conference workshop expressed an opinion that this kind of a program proved to be the most helpful and valuable to the conduct of the training.

An outstanding feature of our in-service teacher-training this year was a course organized and developed by this section in cooperation with the Massachusetts School of Art (a State Teachers College for the preparation of art teachers). The course was designed to cover the multiple aspects of color, line, design, display and fashion, and was taught by Mr. Carl A. Gibson, Jr., who is a member of the Faculty of the Massachusetts School of Art, and Supervisor of Vocational Art Education in Industrial Business in the Division of Vocational Education. Mr. Gibson did a tremendous job in assembling the materials and bringing the necessary specialists to the course who covered the technical areas.

Basically, the course was aimed at facilitating the teaching of art and design practices for teachers of distributive education so they may, in turn, adjust it to the level needed in teaching part-time cooperative students.







This special program secured the interest and support of all of our teacher-coordinators who were pleased with the program and felt that it contributed measurably to their effectiveness in the classroom.

#### Important studies and investigations.

The important studies this past year were in the form of surveys in Haverhill, Malden and Leominster. The Haverhill Survey was organized and conducted largely for the purpose of rehabilitating a program that had developed marked deficiencies over the past year. In the organization of the survey, three prominent merchants were selected to constitute a special advisory committee for the investigation. The state supervisor did the pre-planning and conducted the survey with the assistance of the Retail Trade Board of the Chamber of Commerce. The main features of the investigation had to do with interviews of thirty-three outstanding merchants in the community.

As a result of the investigation, it was found that more than fifty-six approvable positions were available for cooperative students in distributive education. Additionally, it was revealed that there was a need for an all-boys program at the Haverhill Trade School since a number of retail establishments expressed their need for boys and especially wanted boys from the trade school.

#### Use of advisory committee.

Local advisory committees were assisted in their plans for the strengthening and expanding of the total distributive education program within specific communities. Increased attention was directed upon the need for advisory committee assistance in the matter of: classroom facilities; public information and publicity; selection and upgrading of cooperative work stations; improved supervision on the job; and securing teaching devices from business and industry.

Providing scholarships and other awards is still an important part of advisory committee activity in Brockton and Pittsfield. In Fitchburg, Lowell, Quincy and Salem small awards have been set up by the advisory committee in addition to the state-wide awards plan in which local advisory committees are participating.

#### Changes in emphasis, nature or scope of program.

The distributive education section plans no basic changes in the emphasis, nature or scope of the program. At this time, the uncertainty still prevalent concerning the availability of federal George-Borden Funds continues to hamper our future plans in the part-time and extension areas. It is hoped that full reinstatement of federal George-Borden Funds will come about this year and prove a salutary influence in the program. The part-time and evening programs are expected to be maintained and expanded wherever and whenever the need becomes evident. The long range basic program for retail workers will be forwarded this year by an informational program in communities where the program is needed.



THE DEPT. OF TREASURY HAS RECEIVED THE FOLLOWING REPORT FROM THE  
COMMISSIONER OF THE BUREAU OF INTERNAL REVENUE, DATED JANUARY 1, 1900.

REVENUE FROM THE SALE OF LANDS

THE DEPARTMENT OF THE INTERIOR HAS BEEN ADVISED BY THE  
COMMISSIONER OF THE BUREAU OF LAND MANAGEMENT THAT THE  
LANDS BELONGING TO THE UNITED STATES ARE BEING SOLD AT  
PUBLIC AUCTION IN VARIOUS PARTS OF THE COUNTRY. THE  
LANDS ARE BEING SOLD IN LOTS OF VARIOUS SIZES, AND  
THEY ARE BEING SOLD AT A PRICE OF \$1.00 PER ACRE.  
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Stronger efforts will be exhibited to unify the total distributive education program on the local level. The teacher-coordinator will be given additional responsibilities and authority in the matter of organizing and supervising part-time and extension courses in special areas of our work. Lines of communications will be broadened between the school and employers and between the graduates and cooperative pupils. In the overview the central and traditional emphasis shall continue to rest upon the establishment, development and expansion of the part-time cooperative programs. It has been found that all other areas of service can be successfully maintained only when there exists a sound part-time cooperative program in the community.

#### Teacher-training.

It has been felt that until such time that the part-time cooperative program expands to the point where a larger turnover of teachers is experienced, pre-service and in-service teacher-training shall be continued on the same basis as has been maintained through the past years. As stated previously in this report, we have been able to accommodate all teaching positions in the part-time, evening and day cooperative schools through this method of teacher preparation. It is hoped that eventually a plan for a unit of occupational experience shall be incorporated in our professional improvement program. This occupational experience if carefully selected and supervised may serve as part of the formal professional improvement requirement.

#### Evaluation of state and local programs.

Day part-time cooperative programs were expanded this past year with a new program established in Fitchburg. All other programs are providing the kind of training and service which rests on a high professional level. The establishment and expansion of part-time cooperative programs will move along lines already indicated by the establishment of new programs at the Fitchburg High School, Roxbury Memorial High School and the Springfield High School of Commerce.

We are pleased to report that high school administrators are demonstrating a greater interest in and more enthusiasm for distributive education than they have at any time in the past.

General employment conditions continue to exhibit fine cooperative placements for our students, and the outlook is promising for next year. In communities located in the so-called distressed areas, jobs in the distributive occupations are naturally scarce and lack some of the qualitative characteristics we are seeking. Teacher-coordinators are reporting increasing difficulties placing boys in desirable positions in soft goods lines, while the food, hard goods, and service lines cannot wholly be accommodated with the number of boys wanted. It could be said that in the past year, few problems were encountered either in the placement, organization or administration of the three areas of our work.







The following is a statistical five year summary of the Massachusetts Distributive Education Program:

Part-time Cooperative Schools			Part-time and Evening Schools			Totals	
Year Ending	Programs	Enroll- ments	Programs	Enroll- ments	Agencies Served	Programs	Enroll- ments
1951	18	339	76	2860	593	94	3199
1952	19	338	36	1557	554	55	1895
1953	18	337	35	1409	487	53	1746
1954	14	290	27	1848	463	41	2138
1955	15	276	32	1791	452	47	2067

Improvement of relationship with business groups and schools.

The distributive education section plans to further strengthen the rapport between schools and business agencies on both local and state levels. Meetings on the local level which include representatives from school, business and civic agencies shall be organized to further the work of the school program and to gain worthwhile objectives. State meetings and conferences are planned with agencies that represent state and regional organizations of retailers for the purpose of informing these people of our services and benefits they are able to gain through cooperation, sponsorship and general support of our training. Plans are now being developed which encompass training activities with the following: Massachusetts Retail Council, Massachusetts Restaurant Association, New England Petroleum Dealers Association, Massachusetts Retail Grocers Association, New England Paint, Varnish and Lacquer Association, New England Hardware Dealers Association, Massachusetts Association of Secretaries of Chambers of Commerce, Massachusetts Sales Executives Association and the Massachusetts Training Directors Association. Specific plans have been laid for conferences and meetings with area school superintendent associations to inform executive school officers about the burgeoning and critical need for distributive education in their respective school centers. Special promotional material is in preparation which will be directed to commercial department heads, and guidance officers for the purpose of defining the distributive occupations, and to spell out the importance of the training within their schools.





Additional significant information relating to business training including copies of occupational surveys, job analysis, follow-up studies, and instructional materials.

The rapid and dramatic growth of regional shopping centers has brought about new thinking on the places where part-time cooperative programs may be successfully maintained. Heretofore, only communities which supported distinct shopping areas that potentially could absorb forty to sixty part-time cooperative students were the only locations considered for establishment. Now, with the advent of regional shopping centers, relatively small communities that are adjacent to these shopping centers may be approved for the establishment of part-time cooperative programs. Communities which may be so classified are: Marlboro, Brookline, Wellesley, Natick, Peabody, Saugus and Lynn.

Occupational surveys completed: Malden and Haverhill.

Instructional materials: Conference Workshop in Distributive Education, Five Fundamentals of Successful Selling, Resources in Distributive Education and Principles of Art in Retailing.

Work with non-reimbursable programs.

Our work with non-reimbursable programs is usually to the extent of counsel and advice together with materials, methods and procedures utilized in our regular reimbursable program. The agencies and individuals served in this phase of our work are as follows: Division of University Extension, Board of Collegiate Authority, Division of Secondary Education, commercial department heads, and school executives interested in developing cooperative programs in business education. It has long been felt that by extending our service to schools and agencies not intimately connected with our reimbursable program, we may achieve advancement through wide-spread understanding and sympathetic support for our area of vocational education.



# THE HISTORY OF THE UNITED STATES OF AMERICA

The first of the great principles of the American Revolution was the right of the people to be free from the control of a distant and unrepresentative government. This principle was embodied in the Declaration of Independence, which declared that the colonies were entitled to the same rights as the people of Great Britain. The second principle was the right of the people to be free from the control of a distant and unrepresentative government. This principle was embodied in the Declaration of Independence, which declared that the colonies were entitled to the same rights as the people of Great Britain.

## THE DECLARATION OF INDEPENDENCE

The Declaration of Independence was adopted by the Continental Congress on July 4, 1776. It declared that the colonies were entitled to the same rights as the people of Great Britain.

## THE CONSTITUTION

The Constitution was adopted by the Continental Congress on September 17, 1787. It established the framework for the government of the United States. The Constitution is the supreme law of the land. It defines the powers of the federal government and the rights of the states and the people. The Constitution is the foundation of the American government.



Nearly all of the school systems in Massachusetts include guidance services in their programs but few have integrated the services under one head. The City of Boston has a dual system and others are disintegrated to a much greater extent. There is only one town organized under a Director of Pupil Personnel Services. The objective of the State Vocational Division is to attempt to have school systems organize their over-all programs so that it offers assistance to the pupil in all phases of his personal development; intellectual growth, aesthetic relationships, vocational potentialities and skills, financial needs, and moral and spiritual values. It is of importance to this division that cities and towns develop an optimum of guidance services because it affects the selection of pupils for vocational schools. The Occupational Information and Vocational Guidance Supervisor has assisted schools in the organization and development of their programs.

In order to encourage better selection of pupils for vocational schools, meetings of all counselors within the school system, as well as parochial school administrators, have been arranged at the Vocational School in that particular city. At these meetings, the Director of the Vocational Division usually gives a talk on the philosophy of Vocational Education, the Assistant Director of the Vocational Division gives information on the purpose and function of the State teacher-training program, and the Supervisor of Occupational Information and Vocational Guidance discusses the method of selecting pupils.

Fourteen of the fifty-two State-aided Day Vocational or Trade Schools concerned with trade and industry have Vocational Counselors. Quincy, Lowell and Somerville added Vocational Counselors to their staff during this school year. In communities which have a small vocational school, the public school Director of Guidance devotes part of his time to the Vocational School program. This is an ideal situation because a capable Guidance Director affords the Vocational School of expert counseling at a fraction of the cost. It also tends to educate academic-minded guidance directors. Arlington and Leominster are examples of this service. The State Supervisor of Occupational Information and Vocational Counseling has been attempting to initiate similar programs in other communities. There are Vocational Schools whose programs are not coordinated with that of the public schools and strained relations exist in such situations. Attempts are being made to correct these conditions. Primary steps have been initiated for fall meetings of the principal administrative officers of two communities, to be followed by a general counselors' meeting as outlined above. Visits have been made to girls' trade schools and agricultural schools in an effort to study ways and means for effective guidance programs at these types of schools. The Essex County Agricultural School Guidance Program, which encompasses a spring try-out period, has interesting possibilities.



The first of these is the fact that the United States is a young nation, and that its history is a history of growth and expansion. The second is the fact that the United States is a nation of immigrants, and that its history is a history of the struggle for the rights of these immigrants. The third is the fact that the United States is a nation of free men, and that its history is a history of the struggle for the rights of these free men.

The fourth is the fact that the United States is a nation of law, and that its history is a history of the struggle for the rights of these laws. The fifth is the fact that the United States is a nation of progress, and that its history is a history of the struggle for the rights of these progress.

The sixth is the fact that the United States is a nation of peace, and that its history is a history of the struggle for the rights of these peace. The seventh is the fact that the United States is a nation of justice, and that its history is a history of the struggle for the rights of these justice. The eighth is the fact that the United States is a nation of liberty, and that its history is a history of the struggle for the rights of these liberty. The ninth is the fact that the United States is a nation of equality, and that its history is a history of the struggle for the rights of these equality. The tenth is the fact that the United States is a nation of unity, and that its history is a history of the struggle for the rights of these unity.



### Training Activities

At the Fifth Annual Haverhill Teachers' Institute under sponsorship by the Educational Committee of the Haverhill Teachers' Association and the Vocational Division of the State Department of Education, certificates of successful completion were awarded by the State Department of Education, Vocational Division, to one hundred and seventy-two teachers from Haverhill, Georgetown, Methuen, Newburyport, North Andover, Salisbury, South Groveland, Topsfield, and Plaistow, New Hampshire.

Tufts College has been contacted by the State Supervisor of Occupational Information and Vocational Counseling to give a course for teachers, at Marlboro dealing with cumulative records and test usage. The Guidance Workshop has just completed a study of cumulative records and a testing program, both of which were initiated last December with instructional talks by the State Supervisor of Occupational Information and Vocational Counseling, and Dr. Bert A. Roens, Director of Pupil Personnel Services at Arlington.

Plans have just been completed for an Elementary In-Service Training Program to be conducted on Wednesday afternoons from September 14, 1955, to June 6, 1956. This program will be conducted by the Director of Pupil Personnel Services in Arlington and will include Revision of Course of Study Test, Construction of new tests, Cumulative Records, and Occupational Determination for Vocational School boys.

For the first time, a section of the program at the Vocational Summer School held at the Fitchburg State Teachers College from June 27 to July 1, 1955, was devoted exclusively to guidance counselors' services. This program included the following: Vocational Guidance and Testing Programs; Occupational Surveys; Visual Education in Vocational Guidance; Selection of Pupils; Cumulative Records, Adjustments and Follow-up Studies for Vocational Schools, Vocational Guidance, and Vocational Education. Richard C. Wallace, Director of Vocational Guidance and Research, Haverhill Public and Vocational Schools, conducted a course titled, "An Introduction to Vocational Guidance" under the auspices of Fitchburg State Teachers College and the Vocational Division which was successfully completed by thirty-five Vocational school teachers. It is planned to have the State Supervisor of Occupational Information and Vocational Counseling conduct a course in "Tests and Measurements in Vocational Guidance" in the fall. These courses carry bachelor's and master's credits and are important phases of the counselor training program.

### Community Programs

Arlington - Improved methods of selection of pupils and inauguration of in-service training program.

Beverly - Curricular study and plans for initial conference prior to counselor meeting.

Cambridge - The selection of a committee of three composed of the Director of Pupil Personnel Services of Arlington, the Dean of the School of Education at Boston College, and the Dean of Women at Salem State Teachers College, to organize tests and personal interviews for the selection of counselors.



155

SECTION 1

SECTION 1. The purpose of this Act is to provide for the establishment of a system of public health services in the State of New York. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act.

SECTION 2. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act.

SECTION 3. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act.

SECTION 4. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act.

SECTION 5

SECTION 5. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act.

SECTION 6. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act. The Board of Health is hereby authorized to make such regulations as may be necessary to carry out the purposes of this Act.



Hampden - Outline of a guidance program for the seventh and eighth grades.

Haverhill - Special selection program for Vocational School pupils based on an extensive testing program. Development of a Psychiatric Center in conjunction with neighboring communities.

Marlboro - Inauguration of a testing program with plans for homogeneous grouping in the fall. The Wrentham State School Psychological Clinic will open a Mental Health Clinic next September.

Quincy - a most productive counselors' meeting was held followed by conferences arranged by the State Supervisor of Occupational Information and Vocational Counseling with the Director of the Trade School, the Assistant Director in charge of Guidance and Placement, and the Director of Guidance of the city schools.

Salem - Meeting with the Director of the Vocational High School and the city Director of Guidance Services was held for the purpose of discussing selection of pupils for vocational schools.

Springfield - The California Advanced Tests in Reading, Mathematics, and Language were administered to all members of the ninth, tenth and eleventh grades of Springfield Trade High School. The results will strengthen the English and Mathematics programs through homogeneous grouping according to scores. A counselors' meeting is planned for October 26, 1955, with all city and parochial school counselors in attendance as well as the Superintendent of Schools and the Director of Guidance.

Winchester - Conferences were held with the Superintendent of Schools and the Director of Guidance regarding the organization of a Division of Pupil Personnel Services. This plan will be completed in the fall.

Worcester - A fall meeting of the Superintendent of Schools, the Director of Guidance, the Administrator of the Archdiocese, the Director of the Trade High School, and representatives of the State Vocational Division will discuss problems of selection prior to a counselors' general meeting.

#### Counseling for Veterans and Adults

Thirty-one veterans and numerous other people have been referred to this department for individual educational and vocational counseling. The Board of Collegiate Authority refers veterans' problems to the State Supervisor of Occupational Information and Vocational Counseling for the solution of such problems.

#### Dissemination of Occupational and Educational Information

Continuously, requests are received from all sections of the country for occupational and educational information. These requests are answered with pamphlets or advice as to where the best source of information is available. Other State Supervisors of occupational information and guidance are made familiar with the various phases of our program through mailings. A wealth of occupational literature has been collected and much of it sent to the schools, both academic as well as vocational.





### Surveys

The Director of the Vocational Division appointed the State Supervisor of Trade and Industrial Education for Men and Boys, and the State Supervisor of Occupational Information and Vocational Counseling to conduct the following surveys:

Shelburne Falls - An occupational survey became a part of a study of the Vocational Trade and Industrial program in this town to determine the feasibility of continuing State reimbursement for this program.

South Shore Regional Survey - This survey culminated in a thirty-five page report recommending the building of a regional vocational school for the thirteen communities surveyed. Occupational surveys of the area were completed with the assistance of the Superintendents of the thirteen towns and their guidance directors. The need for Vocational Guidance is stressed in the report.

Survey of the towns: Norfolk, Plainville, Wrentham - The result of this survey as an integral part of the secondary school program which will include courses in Automobile Mechanics and Carpentry.



CHAPTER

CHAPTER I. OF THE NATURE AND EXTENT OF THE POWER OF THE PARLIAMENT. IN THE FIRST PLACE, IT IS TO BE OBSERVED, THAT THE POWER OF THE PARLIAMENT IS NOT A NEW INVENTION, BUT A POWER WHICH HAS BEEN EXERCISED FROM THE FIRST BEGINNINGS OF THE ENGLISH CONSTITUTION.

IN THE SECOND PLACE, IT IS TO BE OBSERVED, THAT THE POWER OF THE PARLIAMENT IS NOT A POWER WHICH IS EXERCISED IN A SINGLE INSTANT, BUT A POWER WHICH IS EXERCISED IN A CONTINUOUS MANNER.

IN THE THIRD PLACE, IT IS TO BE OBSERVED, THAT THE POWER OF THE PARLIAMENT IS NOT A POWER WHICH IS EXERCISED IN A SINGLE PLACE, BUT A POWER WHICH IS EXERCISED IN A CONTINUOUS MANNER.

IN THE FOURTH PLACE, IT IS TO BE OBSERVED, THAT THE POWER OF THE PARLIAMENT IS NOT A POWER WHICH IS EXERCISED IN A SINGLE PLACE, BUT A POWER WHICH IS EXERCISED IN A CONTINUOUS MANNER.



## DIVISION OF VOCATIONAL REHABILITATION

### Foreword

This report covers the fiscal year July 1, 1954 to June 30, 1955.

The Commonwealth of Massachusetts entered into its partnership with the Federal Office of Vocational Rehabilitation to serve its handicapped citizens thirty-four years ago - August, 1921. This Commonwealth was one of the first to accept the provisions of Public Law 236, 66th Congress.

The past fiscal year has seen considerable expansion in the field of vocational rehabilitation. To the extent that State funds were available the Division took advantage of the Extension and Improvement provisions of Public Law 565, 83rd Congress. In order to obtain Federal grants as provided in the law, the Division submitted information covering three projects outlined below:

#### Services to emotionally disabled

To provide services to eligible emotionally disabled persons through the medium of a counselor assigned full time to selected mental hospitals.

The counselor will be assigned full time to work as a member of a hospital team: to provide supportive therapy in the form of pre-discharge counseling and to assist hospital staff in determining patient job readiness; screening referrals; processing eligible cases; providing counseling, guidance and other necessary vocational rehabilitation services to fit as many as possible for remunerative employment. To assist in defining and organizing the necessary steps or facilities to act as a bridge in spanning the gap between hospital and return to the community and employment. To formulate plans for organizing public and private community agencies to assist in placement of these individuals.

It is estimated that the assignment of a counselor full time to the emotionally disabled group will result in a substantial increase in the number of referrals; result in a definitive approach to the problem; and furnish vocational rehabilitation services to a larger number of the emotionally disabled than could be provided under current practice. The provision of such specialized services would result in tailoring them to fit the needs of the emotionally disabled; would develop more adequate counseling, supportive and vocational, through the medium of specific gearing to meet the needs of this group in that area. The project will result in a more vigorous, informative, and educational program to secure community and employer acceptance of the post-hospitalized emotionally disabled group.

#### Services to selected disability groups in Clinic Setting

To provide services to cardiacs and severely disabled through the medium of systematic counseling and guidance on an "as needed" basis in



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a clinic setting.

The assignment of a full time counselor on a "share and share alike" basis to the Boston Cardiac Work Classification Unit, the Bay State Medical Rehabilitation Clinic and the Boston Dispensary Rehabilitation Department. Up to the present time there has been no such assignment. In each clinic the counselor will act as a member of the clinic team; provide vocational rehabilitation orientation training to other members of the team; assist in screening referrals for vocational rehabilitation; process the referrals for eligibility and feasibility; give counseling and guidance; assist the clients in formulating rehabilitation plans; arrange for rehabilitation services to bring the plan to fruition; provide systematic assistance in placement; provide follow-up services; and prepare a report based upon the needs of the several clinics and recommendations as to future scope of the program.

It is anticipated that this procedure may result in -

1. Ultimately necessitating the assignment of a full-time counselor to each clinic to service the specialty of each.
2. Provide prompt service to all referrals eligible and feasible therefor.
3. Provide the necessary facilities for research to assist in continually improving services to these groups: and,
4. To furnish experience to assist in determining the value of similar set-up in specialty clinics or hospitals servicing other specific disability groups.

#### Research project on selected types of Prostheses

To provide selected upper or lower extremity amputees with plastic laminate arms, temporary prosthesis and/or suction socket prosthesis on an experimental basis.

#### Plan of Operation:

To assign a supervisor on a regular basis to the Massachusetts General Hospital, Bay State Medical Rehabilitation and Boston Dispensary Amputee Clinics where, as a member of the clinic team, he will participate in the screening of suitable recipients for plastic laminate arms, temporary and/or suction socket prosthesis on a research basis; to make a thorough study through the medium of exact and accurate recording, to determine both qualitative and quantitative criteria for the selection of such candidates and the results secured and to recommend a future course of action for the Division to follow.

Because of high cost the Division has, in the past, not regularly authorized the purchasing of laminate arms and suction socket prostheses. A further reason has been lack of data to justify such purchases when it appeared to be just as satisfactory to purchase the usual type willow wood appliances.





Although cost has never been a factor in the purchase of temporary prostheses, the doubtful worth of such a procedure has always mitigated against the adoption of the policy.

This research study will provide necessary data to establish certain fundamental and prerequisite criteria to the establishment of such a policy, viz:

That improved function and no loss in durability or useful life of the appliance justifies such a purchase:

That temporary prostheses serve other purposes besides stump shrinking and the wearing of such an appliance will not cause the wearer to acquire such a set of walking habits as will mitigate against the wearing of a permanent prosthesis nor will it prolong unnecessarily the time required to learn to use a permanent prosthesis.

With such data at hand the Division can furnish on a regular and justifiable basis the types of appliances mentioned above.

These three projects were approved by Office of Vocational Rehabilitation toward the end of the fiscal year ending June 30, 1955.

In August, 1954, the Congress enacted legislation providing for the preservation of benefit rights to persons in "covered" employment under the Social Security Act. Following provisions contained in the legislation, His Excellency, Governor Christian A. Herter, designated the Division of Vocational Rehabilitation as the State agency to determine eligibility for "disability freeze".

Following receipt of an opinion from the Attorney General of the Commonwealth, legislation was prepared, presented to, and enacted by the General Court authorizing the State Board for Vocational Education, acting through the Division, to enter into an agreement with the Secretary of Health, Education and Welfare to carry out the provisions of the Federal Social Security Act relating to the making of determinations of disability under Title II of that act.

Plans for the administration of this work include the establishment and staffing of a separate field office to administer the provisions of the agreement.



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LEGISLATION

Public Law 565, amendments to the Federal vocational rehabilitation act, was signed by the President in August, 1954. This statute will have far reaching effects on the joint Federal State administration of vocational rehabilitation work. Larger grants of Federal funds will be available to the States under formulae set forth in the law, provided larger State appropriations are made available to meet matching requirements. Larger appropriations, additional personnel and expansion of services will increase the number of persons rehabilitated annually with a nation wide goal of 200,000 rehabilitated annually by 1960. In recent years in Massachusetts, some State Funds were used to supplement Federal Funds for payment of salaries of staff members. As a result of larger grant of Federal Funds under Public Law 565 for fiscal year ending June 30, 1955 it was not necessary to use any State funds toward payment of salaries.

Under Public Law 565, Federal funds are granted under a three part grant structure: (1) support grants (basic program), (2) extension and improvement grants, (3) special project grants. Amounts granted to a State under support grants are determined in part by amount of State funds that were available in 1954 for vocational rehabilitation and in part by the population and per capita wealth of a State. Federal funds for approved extension and improvement projects are granted on the basis of three dollars Federal funds for each dollar of State funds. A limit of three fiscal years is set on Expansion and Improvement projects. For the 1955 fiscal year Congress approved grants of Federal funds for special projects on the basis of two dollars for each dollar provided in the State. The Federal funds available to Massachusetts for fiscal 1955 under special projects (section 4(a)(2) of the Act) were allotted, by agreement, to the Massachusetts Division of the Blind.

Chapter 453, Acts of 1954, approved May 20, 1954, appropriating funds for operation of State departments for the fiscal year ending June 30, 1955, provided \$197,000 State funds for the Division. In addition to this amount approximately \$20,000 of state funds appropriated for fiscal year were brought forward for expenditure in 1955 under approval given at the time the general appropriation bill for 1955 was passed. During the first half of the fiscal year ending June 30, 1955 case service expenditures increased to a point where it was necessary to ask for additional State funds for these services. Chapter 372, Acts of 1955, approved May 19, 1955, provided \$35,000 additional for this fiscal year. These additional funds were not available to the Division until the latter part of May, 1955. Approximately \$15,000 was encumbered by June 30 and the balance, under approval granted by the Legislature, was brought forward for expenditure during the 1956 fiscal year.







### PROFESSIONAL STAFF

On August 31, 1954, Mr. Gerald F. Lambert, Assistant Supervisor in Education, Boston District Office, left the service of the Division to fill the position of Supervisor of Personnel in the Massachusetts Department of Education.

On September 15, 1954, Mr. Stephen L. Sadler, Assistant Supervisor in Education, Worcester office, retired under the provisions of the statute whereby a veteran with thirty or more years of State or municipal service may request retirement.

At the close of the fiscal year no appointments had been made to fill these two vacant positions.

Near the close of the fiscal year William F. Hickey, Jr., M.D. Chief Medical Consultant of the Division, tendered his resignation. We would have been pleased to have Dr. Hickey continue in this post, not only because of advances made during his service but also because of our warm, personal regard for him. However, after lengthy consideration, Dr. Hickey felt that pressure of his private practice limited the amount of time he could devote to vocational rehabilitation work. Dr. Hickey had been with the Division for seven years.

Early in June, 1955, Martin J. Bellinger, M.D., began service with the Division as Chief Medical Consultant.

### THE PROGRAM

The Vocational Rehabilitation Program for persons disabled in industry or otherwise, and their return to civil employment, is what is known as a Grant-In-Aid program. In this type of program, the Federal Government enters into a partnership with each State which decides to participate in the program to provide the services that are called for in the legislation which has been previously enacted. The services were first provided under Public Law 236, passed by the 66th Congress, and later amended by Public Law 113 of the 78th Congress and by Public Law 565 of the 83rd Congress. Whom does the program serve? Any person who is of employable age - in Massachusetts this means 16 - and who has either a physical or mental impairment which constitutes a substantial handicap to employment, may avail himself of the services. By a substantial handicap to employment it is meant that the vocational limitations imposed upon the individual by his disability are such as to materially impede him in the performance of occupational functions by preventing him from obtaining or retaining employment which is consistent with his capacities and abilities. Many services are available to the person who is eligible for them under this program.

### Medical Examinations

1. At the outset, each individual who applies for service is provided with a thorough physical examination including such laboratory tests as are deemed necessary to establish the existence of the impair-



The following is a list of the names of the persons who have been elected to the office of Justice of the Peace for the year 1875.

John A. Smith, James B. Jones, William C. Brown, David E. White, George F. Green, Henry G. Black, Charles H. Gray, Frank I. Hall, John K. King, Lewis L. Lee, Robert M. Martin, Samuel N. Nelson, Thomas O. Olsen, William P. Peterson, James Q. Quinn, Richard R. Reed, Henry S. Shaw, George T. Taylor, Charles U. Underhill, Frank V. Vance, John W. Walker, Lewis X. Xenophon, Robert Y. Young, Samuel Z. Zimmerman.

It is hereby ordered that the above named persons be and they are hereby appointed Justices of the Peace for the year 1875.

And it is further ordered that the said Justices of the Peace be and they are hereby authorized to exercise the powers and perform the duties of their office according to law.

Witness my hand and the seal of the County of \_\_\_\_\_ State of \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_ 1875.

County Clerk

It is hereby ordered that the above named persons be and they are hereby appointed Justices of the Peace for the year 1875. It is further ordered that the said Justices of the Peace be and they are hereby authorized to exercise the powers and perform the duties of their office according to law.

County Clerk

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ment, and its extent; to set forth the limitations which it imposes upon the individual; and to ascertain the possibility of either removing or substantially reducing the impairment. Fiscal year expenditures for examinations totaled nearly \$6,400. Many reports were obtained without cost to the Division.

## 2. Counseling

Counseling starts with the very first interview and invariably continues throughout the entire rehabilitation process until the final disposition of the case, be it successful or unsuccessful.

## 3. Other Services

All those services which may be necessary to restore the individual to a remunerative occupation are provided at no cost if financial need exists with respect to the provision of adjunctive services to training such as transportation, training supplies and equipment, and maintenance. If physical restoration services to remove or substantially reduce the impairment such as surgery, hospitalization, nursing services, furnishing of artificial and surgical appliances, repairs to appliances, occupational and physical therapy, psychotherapy are needed, these also are provided.

## 4. Physical Restoration

### Prosthetic Appliances

The provision of artificial arms and legs is of especial concern to the Division in the endeavor to assure the type of prosthesis best suited to the client who is an amputee. Limbs are provided, preferably after careful evaluation by a group in an amputee clinic, if available, a rehabilitation center, or by an orthopedist in consultation with the limb maker. Instruction in the use of artificial arms and legs is considered essential to insure the maximum efficiency. Rehabilitation centers and hospitals are used for this training. Several plastic laminate artificial arms, a new type developed by the National Research Council have been provided for clients in this year. The other types of prostheses provided were hearing aids, dentures and glasses.

During the year approximately \$13,000 were expended for appliances.

### Hospital, Surgery, Medical Treatment

Expenditures under these categories totaled nearly \$17,000 for the year.

The number of referrals to the Division, for the third year, of people with heart disease needing evaluation and surgery, in many instances, reflects the advances being made in cardiac surgery. The interest shown by the several surgeons doing cardiac surgery and the cardiologists associated with them in the services offered by the Division for their patients has resulted in the referral of handicapped people, before and after surgery, for any or all of the services provided by the Division. Of the persons receiving physical restoration services (other than prosthetic appliances) in the year ending June 30, 1955, forty-seven were disabled by heart disease, the majority from rheumatic heart disease, the others whose cardiac disability was congenital. The services included



very much the same as the other two, but the first is the most common and the second is the most rare. The third is the most common of the three, but the first is the most common of the three.

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hospitalization, surgery, private nursing (which is particularly important following this type of operation), medication after discharge from the hospital, convalescent care, and visits to physicians' offices for after care. An agreement which exists between the Crippled Children's Services of the Massachusetts Department of Public Health and the Division concerning the provision of surgical care for people under 21 years, resulted in the referral of several young people needing cardiac surgery to that program as an available resource for physical restoration. After convalescence, the young people have been helped by the Division through guidance, counseling, vocational training and placement in a suitable job. It is an interesting fact that for the second year, the Division has had a higher percentage of people with cardiac disabilities in the total number of rehabilitants than the country, as a whole. Massachusetts percentage for this year being 12% while present estimates appear to set the country-wide figure at about 5%. An editorial in the Journal of the National Rehabilitation Association makes a plea for a "pioneer spirit" in state rehabilitation agencies in helping people with heart disease. The Division has shown this pioneer spirit.

Orthopedic surgery, physical therapy, and fenestration operations for alleviation of hearing loss have been provided during the year. Eye operations for people with more sight than those served by the Division of the Blind, plastic surgery, and psychotherapy were also provided.

Many of the people receiving physical restoration services returned to their former jobs, including housewives who had been prevented prior to physical restoration by their disabilities from performing household duties and caring for their young children. Others received vocational training for jobs more suitable to their interests, aptitudes, and residual disabilities and show, in many instances, the value of the complete services which the Division can give to fit handicapped people to the right kind of employment.

A meeting of the Professional Advisory Committee was held on December 2, 1955, at which time, Dr. Joseph Gerber, Medical Director of the Federal Office of Vocational Rehabilitation was present, with the Representative of this region. At this meeting, there was a great deal of interest expressed in the 1954 amendments to the Vocational Rehabilitation Act, Public Law 565. The only significant change in this law in relation to physical restoration was the abolition of the 90 day limitation of the hospitalization of a client as an in-patient for any one disability. The Committee recommended at this meeting that the Division request the deletion of this limitation from the State Plan which has been done.

In an effort to interest the hospitals in vocational rehabilitation and the ways in which their patients might benefit by the services of the Division, the Division prepared an article delineating the services of the Division and some of the provisions of Public Law 565, which was sent out by the Massachusetts Hospital Association to its member hospitals.

Cooperative relationships have been maintained with hospitals, health and welfare agencies, and physicians. The Massachusetts Heart Association Work Simplification courses for housewives with heart disease have been of benefit to several of our clients in adjustment of their household duties.





## 5. Training

Expenditures for training and training materials totaled approximately \$166,000.

## 6. Maintenance, Transportation, Occupational Tools, Equipment and Licenses

Under these categories expenditures were made during the fiscal year to a total of approximately \$23,000.



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STATISTICAL ANALYSIS OF 717 REHABILITATION CLIENTS

July 1, 1954 to June 30, 1955

SEX OF REHABILITANTS

SEX	NUMBER	PER CENT
Male.....	441	61.51
Female.....	276	38.49
Totals.....	717	100.00

These figures do not lend themselves to the drawing of any statistically valid conclusions. Comparison of this table with similar tables in previous fiscal years show fluctuation from year to year without evidence of a trend in any one direction.

AGE AT ACCEPTANCE

Age Groups	Male	Per Cent	Female	Per Cent	Total	Per Cent
16-20 years.....	160	36.28	94	34.06	254	35.42
21-25 " .....	61	13.83	54	19.57	115	16.04
26-35 " .....	85	19.28	64	23.19	149	20.78
36-45 " .....	71	16.10	32	11.59	103	14.37
46-55 " .....	42	9.52	22	7.97	64	8.93
56-65 " .....	21	4.76	10	3.62	31	4.32
Over 65 years.....	1	.23	0	-	1	.14
Totals.	441	100.00	276	100.00	717	100.00

This year's figures show a continuation of trend noted in fiscal year ending June 30, 1954, in an increasing number of rehabilitants in the middle and upper age brackets, 46 years and older. The 1955 figure represents an increase of 16 rehabilitants, an increase of 20% above 1954 figures, in this group.



# THE UNIVERSITY OF CHICAGO

IN THE DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

Author	Dr. J. H. Duerksen
Title	Investigation of the Reaction of Nitrogen Dioxide with Carbon Monoxide
Date	1954

This report was prepared as a part of the research program of the Department of Chemistry, University of Chicago, under the direction of Dr. J. H. Duerksen. The work was supported by the National Science Foundation, Grant No. 15408.

ABSTRACT

Reaction	Rate of Reaction	Order of Reaction	Activation Energy
$\text{NO}_2 + \text{CO} \rightarrow \text{NO} + \text{CO}_2$	$k = 1.5 \times 10^4 \text{ l./mole-sec.}$	2	$12.5 \text{ kcal./mole}$
$\text{NO}_2 + \text{CO} \rightarrow \text{NO} + \text{CO}_2$	$k = 1.5 \times 10^4 \text{ l./mole-sec.}$	2	$12.5 \text{ kcal./mole}$
$\text{NO}_2 + \text{CO} \rightarrow \text{NO} + \text{CO}_2$	$k = 1.5 \times 10^4 \text{ l./mole-sec.}$	2	$12.5 \text{ kcal./mole}$
$\text{NO}_2 + \text{CO} \rightarrow \text{NO} + \text{CO}_2$	$k = 1.5 \times 10^4 \text{ l./mole-sec.}$	2	$12.5 \text{ kcal./mole}$
$\text{NO}_2 + \text{CO} \rightarrow \text{NO} + \text{CO}_2$	$k = 1.5 \times 10^4 \text{ l./mole-sec.}$	2	$12.5 \text{ kcal./mole}$
$\text{NO}_2 + \text{CO} \rightarrow \text{NO} + \text{CO}_2$	$k = 1.5 \times 10^4 \text{ l./mole-sec.}$	2	$12.5 \text{ kcal./mole}$

The reaction of nitrogen dioxide with carbon monoxide was studied at various temperatures and pressures. The rate of reaction was found to be second order with respect to the reactants. The activation energy of the reaction was determined to be 12.5 kcal./mole.

EDUCATION AT ACCEPTANCE

Grade Completed	Male	Per Cent	Female	Per Cent	Total	Per Cent
No schooling....	1	.23	0	-	1	.14
Grades 1 to 6...	41	9.30	12	4.35	53	7.39
" 7 to 9...	129	29.25	64	23.19	193	26.92
" 10 to 12...	250	56.69	169	61.23	419	58.44
" 13 and over	20	4.53	31	11.23	51	7.11
Totals....	441	100.00	276	100.00	717	100.00

Representative of a continuing trend toward higher education in the general public is the substantial increase numerically in the number of rehabilitants with grade ten or higher education. Percentagewise this shows a three percent increase over 1954.

MARITAL STATUS

Status	Number	Per Cent
Single.....	444	61.92
Married.....	217	30.27
Other.....	56	7.81
Totals....	717	100.00

The number of married persons rehabilitated in 1955 totaled 25 more than in 1954. This is a continuation of the trend noted last year. It is difficult to draw any specific conclusions from these figures and it is, of course, unwise to generalize out of the context of valid evidence.

NUMBER OF DEPENDENTS

Number of Dependents	Number	Per Cent
No dependents.....	520	72.52
Number with dependents.....	197	27.48
Totals.....	717	100.00
Number with 1 dependent.....	64	32.49
" " 2 dependents.....	48	24.37
" " 3 dependents.....	31	15.74
" " 4 dependents.....	24	12.18
" " 5 dependents.....	16	8.12
" " 6 dependents.....	10	5.07
" " 7 dependents.....	3	1.52
" " 8 dependents.....	1	.51
Totals....	197	100.00

Illustrative of the unwise practice of generalizing statistically is the evidence contained in recent fiscal year figures of the fluctuation in this category. In the past three fiscal years the trend in any given direction has reversed itself twice.



# TABLE I

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910
Population	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000	1,500,000	1,600,000	1,700,000	1,800,000	1,900,000	2,000,000
Area	100	110	120	130	140	150	160	170	180	190	200
Population per square mile	10	11	12	13	14	15	16	17	18	19	20

The following table shows the population of the United States in 1910, by age and sex, and the population of the United States in 1900, by age and sex. The population of the United States in 1910 was 20,645,783, and the population of the United States in 1900 was 76,212,168.

Age	Male	Female	Total
Under 5	1,000,000	1,100,000	2,100,000
5-10	1,200,000	1,300,000	2,500,000
10-15	1,400,000	1,500,000	2,900,000
15-20	1,600,000	1,700,000	3,300,000
20-25	1,800,000	1,900,000	3,700,000
25-30	2,000,000	2,100,000	4,100,000
30-35	2,200,000	2,300,000	4,500,000
35-40	2,400,000	2,500,000	4,900,000
40-45	2,600,000	2,700,000	5,300,000
45-50	2,800,000	2,900,000	5,700,000
50-55	3,000,000	3,100,000	6,100,000
55-60	3,200,000	3,300,000	6,500,000
60-65	3,400,000	3,500,000	6,900,000
65-70	3,600,000	3,700,000	7,300,000
70-75	3,800,000	3,900,000	7,700,000
75-80	4,000,000	4,100,000	8,100,000
80-85	4,200,000	4,300,000	8,500,000
85-90	4,400,000	4,500,000	8,900,000
90-95	4,600,000	4,700,000	9,300,000
95-100	4,800,000	4,900,000	9,700,000
100-105	5,000,000	5,100,000	10,100,000
105-110	5,200,000	5,300,000	10,500,000
110-115	5,400,000	5,500,000	10,900,000
115-120	5,600,000	5,700,000	11,300,000
120-125	5,800,000	5,900,000	11,700,000
125-130	6,000,000	6,100,000	12,100,000
130-135	6,200,000	6,300,000	12,500,000
135-140	6,400,000	6,500,000	12,900,000
140-145	6,600,000	6,700,000	13,300,000
145-150	6,800,000	6,900,000	13,700,000
150-155	7,000,000	7,100,000	14,100,000
155-160	7,200,000	7,300,000	14,500,000
160-165	7,400,000	7,500,000	14,900,000
165-170	7,600,000	7,700,000	15,300,000
170-175	7,800,000	7,900,000	15,700,000
175-180	8,000,000	8,100,000	16,100,000
180-185	8,200,000	8,300,000	16,500,000
185-190	8,400,000	8,500,000	16,900,000
190-195	8,600,000	8,700,000	17,300,000
195-200	8,800,000	8,900,000	17,700,000
200-205	9,000,000	9,100,000	18,100,000
205-210	9,200,000	9,300,000	18,500,000
210-215	9,400,000	9,500,000	18,900,000
215-220	9,600,000	9,700,000	19,300,000
220-225	9,800,000	9,900,000	19,700,000
225-230	10,000,000	10,100,000	20,100,000
230-235	10,200,000	10,300,000	20,500,000
235-240	10,400,000	10,500,000	20,900,000
240-245	10,600,000	10,700,000	21,300,000
245-250	10,800,000	10,900,000	21,700,000
250-255	11,000,000	11,100,000	22,100,000
255-260	11,200,000	11,300,000	22,500,000
260-265	11,400,000	11,500,000	22,900,000
265-270	11,600,000	11,700,000	23,300,000
270-275	11,800,000	11,900,000	23,700,000
275-280	12,000,000	12,100,000	24,100,000
280-285	12,200,000	12,300,000	24,500,000
285-290	12,400,000	12,500,000	24,900,000
290-295	12,600,000	12,700,000	25,300,000
295-300	12,800,000	12,900,000	25,700,000
300-305	13,000,000	13,100,000	26,100,000
305-310	13,200,000	13,300,000	26,500,000
310-315	13,400,000	13,500,000	26,900,000
315-320	13,600,000	13,700,000	27,300,000
320-325	13,800,000	13,900,000	27,700,000
325-330	14,000,000	14,100,000	28,100,000
330-335	14,200,000	14,300,000	28,500,000
335-340	14,400,000	14,500,000	28,900,000
340-345	14,600,000	14,700,000	29,300,000
345-350	14,800,000	14,900,000	29,700,000
350-355	15,000,000	15,100,000	30,100,000
355-360	15,200,000	15,300,000	30,500,000
360-365	15,400,000	15,500,000	30,900,000
365-370	15,600,000	15,700,000	31,300,000
370-375	15,800,000	15,900,000	31,700,000
375-380	16,000,000	16,100,000	32,100,000
380-385	16,200,000	16,300,000	32,500,000
385-390	16,400,000	16,500,000	32,900,000
390-395	16,600,000	16,700,000	33,300,000
395-400	16,800,000	16,900,000	33,700,000
400-405	17,000,000	17,100,000	34,100,000
405-410	17,200,000	17,300,000	34,500,000
410-415	17,400,000	17,500,000	34,900,000
415-420	17,600,000	17,700,000	35,300,000
420-425	17,800,000	17,900,000	35,700,000
425-430	18,000,000	18,100,000	36,100,000
430-435	18,200,000	18,300,000	36,500,000
435-440	18,400,000	18,500,000	36,900,000
440-445	18,600,000	18,700,000	37,300,000
445-450	18,800,000	18,900,000	37,700,000
450-455	19,000,000	19,100,000	38,100,000
455-460	19,200,000	19,300,000	38,500,000
460-465	19,400,000	19,500,000	38,900,000
465-470	19,600,000	19,700,000	39,300,000
470-475	19,800,000	19,900,000	39,700,000
475-480	20,000,000	20,100,000	40,100,000
480-485	20,200,000	20,300,000	40,500,000
485-490	20,400,000	20,500,000	40,900,000
490-495	20,600,000	20,700,000	41,300,000
495-500	20,800,000	20,900,000	41,700,000
500-505	21,000,000	21,100,000	42,100,000
505-510	21,200,000	21,300,000	42,500,000
510-515	21,400,000	21,500,000	42,900,000
515-520	21,600,000	21,700,000	43,300,000
520-525	21,800,000	21,900,000	43,700,000
525-530	22,000,000	22,100,000	44,100,000
530-535	22,200,000	22,300,000	44,500,000
535-540	22,400,000	22,500,000	44,900,000
540-545	22,600,000	22,700,000	45,300,000
545-550	22,800,000	22,900,000	45,700,000
550-555	23,000,000	23,100,000	46,100,000
555-560	23,200,000	23,300,000	46,500,000
560-565	23,400,000	23,500,000	46,900,000
565-570	23,600,000	23,700,000	47,300,000
570-575	23,800,000	23,900,000	47,700,000
575-580	24,000,000	24,100,000	48,100,000
580-585	24,200,000	24,300,000	48,500,000
585-590	24,400,000	24,500,000	48,900,000
590-595	24,600,000	24,700,000	49,300,000
595-600	24,800,000	24,900,000	49,700,000
600-605	25,000,000	25,100,000	50,100,000
605-610	25,200,000	25,300,000	50,500,000
610-615	25,400,000	25,500,000	50,900,000
615-620	25,600,000	25,700,000	51,300,000
620-625	25,800,000	25,900,000	51,700,000
625-630	26,000,000	26,100,000	52,100,000
630-635	26,200,000	26,300,000	52,500,000
635-640	26,400,000	26,500,000	52,900,000
640-645	26,600,000	26,700,000	53,300,000
645-650	26,800,000	26,900,000	53,700,000
650-655	27,000,000	27,100,000	54,100,000
655-660	27,200,000	27,300,000	54,500,000
660-665	27,400,000	27,500,000	54,900,000
665-670	27,600,000	27,700,000	55,300,000
670-675	27,800,000	27,900,000	55,700,000
675-680	28,000,000	28,100,000	56,100,000
680-685	28,200,000	28,300,000	56,500,000
685-690	28,400,000	28,500,000	56,900,000
690-695	28,600,000	28,700,000	57,300,000
695-700	28,800,000	28,900,000	57,700,000
700-705	29,000,000	29,100,000	58,100,000
705-710	29,200,000	29,300,000	58,500,000
710-715	29,400,000	29,500,000	58,900,000
715-720	29,600,000	29,700,000	59,300,000
720-725	29,800,000	29,900,000	59,700,000
725-730	30,000,000	30,100,000	60,100,000
730-735	30,200,000	30,300,000	60,500,000
735-740	30,400,000	30,500,000	60,900,000
740-745	30,600,000	30,700,000	61,300,000
745-750	30,800,000	30,900,000	61,700,000
750-755	31,000,000	31,100,000	62,100,000
755-760	31,200,000	31,300,000	62,500,000
760-765	31,400,000	31,500,000	62,900,000
765-770	31,600,000	31,700,000	63,300,000
770-775	31,800,000	31,900,000	63,700,000
775-780	32,000,000	32,100,000	64,100,000
780-785	32,200,000	32,300,000	64,500,000
785-790	32,400,000	32,500,000	64,900,000
790-795	32,600,000	32,700,000	65,300,000
795-800	32,800,000	32,900,000	65,700,000
800-805	33,000,000	33,100,000	66,100,000
805-810	33,200,000	33,300,000	66,500,000
810-815	33,400,000	33,500,000	66,900,000
815-820	33,600,000	33,700,000	67,300,000
820-825	33,800,000	33,900,000	67,700,000
825-830	34,000,000	34,100,000	68,100,000
830-835	34,200,000	34,300,000	68,500,000
835-840	34,400,000	34,500,000	68,900,000
840-845	34,600,000	34,700,000	69,300,000
845-850	34,800,000	34,900,000	69,700,000
850-855	35,000,000	35,100,000	70,100,000
855-860	35,200,000	35,300,000	70,500,000
860-865	35,400,000	35,500,000	70,900,000
865-870	35,600,000	35,700,000	71,300,000
870-875	35,800,000	35,900,000	71,700,000
875-880	36,000,000	36,100,000	72,100,000
880-885	36,200,000	36,300,000	72,500,000
885-890	36,400,000	36,500,000	72,900,000
890-895	36,600,000	36,700,000	73,300,000
895-900	36,800,000	36,900,000	73,700,000
900-905	37,000,000	37,100,000	74,100,000
905-910	37,200,000	37,300,000	74,500,000
910-915	37,400,000	37,500,000	74,900,000
915-920	37,600,000	37,700,000	75,300,000
920-925	37,800,000	37,900,000	75,700,000
925-930	38,000,000	38,100,000	76,100,000
930-935	38,200,000	38,300,000	



SOURCE OF SUPPORT AT ACCEPTANCE

Source of Support at Acceptance	Number	Per Cent
Wage earnings.....	79	11.02
Relief-Public.....	92	12.83
Relief-Private.....	5	.70
Insurance-Unemployment Compensation.....	18	2.51
Insurance-Workmen's Compensation.....	25	3.49
Insurance-Other.....	15	2.08
Family.....	439	61.23
Other-including savings.....	44	6.14
Totals.....	717	100.00

The 1955 figures show a substantial increase in the number of persons rehabilitated who were on welfare rolls, public or private, at time of application for vocational rehabilitation services. Prior to rehabilitation this group consumed better than \$100,000 tax dollars per year. It is estimated that at the conclusion of the first year of employment the group will have earned over \$216,000. Using ten percent of gross income as a base there would be returned to government in Federal taxes approximately \$21,000. The worthwhileness of the vocational rehabilitation program on a dollar and cents basis is amply demonstrated by the above results.

TYPE OF DISABILITY

Type of Disability	Number	Per Cent
<u>Amputations:</u>		
Upper Extremities.....	17	2.37
Lower Extremities.....	60	8.37
<u>Disabled:</u>		
Upper Extremities.....	41	5.72
Lower Extremities.....	89	12.42
Multiple.....	52	7.25
Trunk.....	34	4.74
Head.....	2	.28
Vision.....	35	4.88
Speech.....	9	1.26
Hearing.....	87	12.13
Cardiac.....	87	12.13
Tuberculosis.....	111	15.48
Other diseases.....	47	6.56
Psychosis.....	2	.28
Neurosis.....	11	1.53
Epilepsy.....	15	2.09
Mental retardation.....	18	2.51
Totals.....	717	100.00

The relative constancy, statistically, of the several disability categories is remarkable. Both numerically and percentage-wise we see little change from year to year. For example, in the three fiscal years ending





June 30, 1953, June 30, 1954, and June 30, 1955 the number of rehabilitants the tuberculous group were 106, 115 and 111 respectively. The corresponding percentages were 14.89%, 16.28%, and 15.48%. We note that the spread in number of cases between high and low years is 9 and the percentage variation is 1.39%.

AVERAGE WEEKLY WAGE OF REHABILITANTS BY OCCUPATIONAL FIELDS

Occupations	No. of Clients	Weekly Wage	Average Weekly Wage for Group
Professional.....	50	\$2,830.00	\$56.60
Semi-Professional.....	29	1,308.00	45.10
Managerial & Official.....	4	170.00	42.50
Totals.....	83	\$4,308.00	\$51.90
Clerical & Kindred.....	209	\$8,463.50	\$40.44
Sales & Kindred.....	41	1,627.00	39.68
Totals.....	250	\$10,090.50	\$40.36
Domestic Service.....	17	\$ 466.00	\$26.14
Personal Service.....	53	1,998.00	37.70
Protective Service.....	10	332.00	33.20
Building Service.....	24	947.00	39.45
Totals.....	104	\$3,743.00	\$35.91
Agricultural & Kindred.....	12	\$584.00	\$48.66
Fishery.....	-	-	-
Totals.....	12	\$584.00	\$48.66
Skilled occupations.....	75	\$3,614.50	\$48.19
Semi-skilled.....	94	4,239.00	45.10
Unskilled occupations.....	44	1,844.00	41.92
Totals.....	213	\$9,697.50	\$45.52
Family Workers*.....	3	-	-
Housewives*.....	52	-	-
Grand Total.....	717	\$28,423.00	\$42.93

\*This year, as in earlier years, in determining average weekly wage for all rehabilitants, the number of housewives and family workers were excluded, as no wages are reported for the two categories.



THE UNIVERSITY OF CHICAGO  
 DEPARTMENT OF CHEMISTRY  
 LABORATORY OF PHYSICAL CHEMISTRY  
 CHICAGO, ILL. 60637

### ANALYTICAL DATA OF POLYMERIZATION OF VINYL MONOMERS

Monomer	Time (hr)	Conversion (%)	Notes
Styrene	0	0	Starting material
Styrene	1	10	Initiated by AIBN
Styrene	2	20	
Styrene	3	30	
Styrene	4	40	
Styrene	5	50	
Styrene	6	60	
Styrene	7	70	
Styrene	8	80	
Styrene	9	90	
Styrene	10	100	Complete conversion
Acrylonitrile	0	0	Starting material
Acrylonitrile	1	15	Initiated by AIBN
Acrylonitrile	2	30	
Acrylonitrile	3	45	
Acrylonitrile	4	60	
Acrylonitrile	5	75	
Acrylonitrile	6	90	
Acrylonitrile	7	100	Complete conversion
Methyl Methacrylate	0	0	Starting material
Methyl Methacrylate	1	10	Initiated by AIBN
Methyl Methacrylate	2	20	
Methyl Methacrylate	3	30	
Methyl Methacrylate	4	40	
Methyl Methacrylate	5	50	
Methyl Methacrylate	6	60	
Methyl Methacrylate	7	70	
Methyl Methacrylate	8	80	
Methyl Methacrylate	9	90	
Methyl Methacrylate	10	100	Complete conversion

ANALYTICAL DATA OF POLYMERIZATION OF VINYL MONOMERS  
 (Continued)

A COMPARATIVE STUDY OF SERVICES RENDERED CASES  
CLOSED-EMPLOYED, THE NUMBER OF CLIENTS  
RECEIVING EACH SERVICE, AND THEIR PERCENTAGE  
RELATIONSHIP TO THE WHOLE GROUP

Type of Service	Number of Clients	Per Cent
Training and Placement.....	389	54.26
Physical Restoration and Placement....	131	18.27
Physical Restoration, Training and Placement.....	13	1.81
Counseling, Guidance and Placement....	<u>184</u>	<u>25.66</u>
Totals.....	717	100.00

It is interesting to note that there is a continued decrease in the number of rehabilitants who received counseling, guidance and placement services only. Considering the statistics for fiscal years 1953, 1954 and 1955 we find that numerically there were 232, 222 and 184 rehabilitants in this category. Percentagewise the figures show 32.58%, 31.44% and 25.66%, respectively.





The estimated earnings of 717 Rehabilitants, the cost of case services, and the income tax it is estimated that this group will pay annually to the State and Federal government.

Average weekly wage at survey.....	\$4.24
Average weekly wage at rehabilitation closure.....	\$42.93
Total weekly wage at survey.....	\$2,812.00
Total weekly wage at rehabilitation closure.....	\$28,423.00
Total annual wage at survey.....	\$146,224.00
Total annual wage at rehabilitation closure.....	\$1,476,996.00
Annual cost to Community for Welfare Assistance (per year) (public or private) at time of survey.....	\$109,174.00
Total Cost of Case Services for 717 Rehabilitants.....	\$210,354.95
Average Cost of Case Services per Rehabilitant.....	\$290.37
Estimated Annual State Income Tax that will be paid by Rehabilitants 1/ .....	\$14,769.96
Estimated Annual Federal Income Tax that will be paid by Rehabilitants 2/ .....	\$147,699.60

1/ Based on estimated tax of 1% of gross earnings

2/ Based on estimated tax of 10% of gross earnings





15

240

SOURCE OF REFERRALS - NEW CASES  
July 1, 1954 - June 30, 1955

SOURCE OF REFERRAL	NUMBER	PER CENT	TOTAL
<b>A. EDUCATIONAL:</b>			
1. Business college.....	11	.62	
2. Private school.....	11	.62	
3. Public school.....	226	12.68	
4. School for handicapped.....	42	2.36	16.28%
<b>B. HEALTH:</b>			
1. Crippled Children's Agency.....	30	1.68	
2. State mental hospital.....	20	1.12	
3. Tuberculosis sanatorium or association.....	154	8.64	
4. Marine hospital or Relief Station (U.S. Public Health).....	3	.17	
5. Other hospital or clinic.....	267	14.98	
6. Other health agency (public or private).....	66	3.71	
7. Physician (not elsewhere classifiable).....	97	5.45	35.75 %
<b>C. INSURANCE:</b>			
1. Insurance company.....	7	.39	
2. Bureau of Old-Age & Survivors' Insurance.....	2	.11	
3. State Workmen's Compensation Agency.....	44	2.47	
4. U.S. Employees' Compensation Commission.....	3	.17	3.14%
<b>D. WELFARE:</b>			
1. American Red Cross.....	2	.11	
2. Public Welfare Agency.....	207	11.62	
3. Private Welfare Agency.....	23	1.29	
4. Community Advisory center.....	41	2.30	15.32%
<b>E. OTHER GOVERNMENT AGENCIES:</b>			
1. Selective Service System.....	-	-	
2. State Vocational Rehabilitation Agency.....	13	.73	
3. U.S. Employment Service.....	126	7.07	
4. Veterans' Administration.....	24	1.34	9.14%
5. Maritime Commission (formerly War Shipping Adm.).....	-	-	
6. Public official (local, State and Federal).....	17	.95	
7. U.S. Civil Service Commission.....	-	-	
8. Other government agency.....	16	.90	1.85%
<b>F. MISCELLANEOUS:</b>			
1. Artificial appliance company....	21	1.19	
2. Employer.....	4	.22	
3. Labor Union.....	-	-	
4. News item, publicity, radio.....	5	.28	
5. Other individual.....	136	7.63	
6. Self-referred.....	157	8.81	
7. Other.....	2	.39	18.52
<b>Totals.....</b>	<b>1,782</b>	<b>100.00</b>	<b>100.00%</b>





CASE LOAD SUMMARY

July 1, 1954 to June 30, 1955

1. Number of cases in referred status July 1, 1954.....	1,459
2. Number of cases in active status July 1, 1954.....	1,622
3. Number of cases referred during the fiscal year.....	<u>1,782</u>
Total - Items 1,2,3..... 4,863	
A. Number of cases accepted for service (included in Items B or C below).....	1,011
B. Number of cases closed during fiscal year.....	2,205
(1) Closed-rehabilitated by employment after service.....	717
(2) Closed-non-rehabilitated after service.....	114
(3) Closed-after interview, counseling, and guidance.....	241
(4) Closed-after investigation because not eligible, services declined, referred to other agencies, removed from state.....	1,133
C. Active case roll June 30, 1955 In process of Rehabilitation.....	1,561
D. Referred case roll June 30, 1955:.....	1,097
Cases still open in files; eligibility for vocational rehabilitation not fully determined, referred but not yet interviewed	
Total - Items B,C,D..... 4,863	



THE HISTORY OF THE  
CITY OF BOSTON

From the first settlement of the city in 1630 to the present time, the city has grown from a small fishing village to a great commercial metropolis. The city has been the seat of many important events in the history of the United States, and has played a prominent part in the development of the nation.

The city has been the seat of many important events in the history of the United States, and has played a prominent part in the development of the nation.

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EXPENDITURES FROM FEDERAL AND STATE FUNDS

July 1, 1954 to June 30, 1955

Federal Funds.....	\$239,793.06
State Funds.....	<u>\$173,645.33</u>
Total.....	\$413,438.39

CLASSIFICATION OF EXPENDITURES

Administration.....	\$27,848.27
Vocational Guidance and Placement.....	\$160,600.96
Case Services.....	<u>\$224,989.16</u>
	\$413,438.39



THE HISTORY OF THE  
CITY OF BOSTON

By SAMUEL JOHNSON, LL.D.  
Author of the "Dictionary of the English Language"

IN TWO VOLUMES.

LONDON: Printed by J. JOHNSON, in Pall-mall.  
1791.

THE HISTORY OF THE CITY OF BOSTON, FROM THE FIRST SETTLEMENT IN 1630, TO THE PRESENT TIME. BY SAMUEL JOHNSON, LL.D. Author of the "Dictionary of the English Language." IN TWO VOLUMES. LONDON: Printed by J. JOHNSON, in Pall-mall. 1791.



243

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF EDUCATION

BOARD OF EDUCATION

Dr. William E. Park, Chairman  
Dr. John J. Desmond, Jr., Commissioner

DIVISION OF UNIVERSITY EXTENSION  
ANNUAL REPORT

July 1, 1954 - June 30, 1955

Franklin P. Hawkes, Director

The Division of University Extension has a major objective to furnish EDUCATIONAL OPPORTUNITY TO ALL PERSONS. In order to accomplish this the Division is organized into five offices as follows:

1. Office of Class Lessons and Instruction
2. Office of Communications (Audio-Visual)
3. Office of Correspondence Instruction
4. Office of High School Equivalency Certification
5. Office of Accounting and Administration

Each of these offices has one or more supervisors in charge. The reports of the four service offices will be found in the following pages, and explain in detail the service rendered, the number of persons served, and the extremely small cost per person for rendering such service.

During the year 1954-55 the Division was without the service of the Director, E. Everett Clark, who was on sick leave from November 1954 to July 1955. In addition, Mr. Otto Kiessling, of the Office of Accounting, was on sick leave from May to July; previously he had carried both Mr. Clark's and his own responsibilities from November to May. In May 1955, Dr. Franklin P. Hawkes acted as Co-ordinator for the balance of the year.

Attention should be called to the 28,140 persons served by class and correspondence courses, as well as to the 1740 applications from new candidates for the State High School Equivalency Certificate with a total of 8,000 active candidates on the list. The Division of University Extension is an accredited institution, and as such, credits received are accepted by almost all colleges in the Commonwealth. The High School Equivalency Program served 7000 citizens; the certificate is recognized by all educational and business institutions because of a very active and effective Policies Committee.

Particular notice should be made of the receipts and expenditures of the Division of University Extension. Each year the Division serves twice as many people with unpaid tuition as those with paid tuition. It also returns to the Commonwealth 40% of the cost of the entire Division. In the final analysis we learn that all of these services are rendered at a cost of less than \$7.00 per student. Supporting statistics will be found on the following pages.



THE UNIVERSITY OF CHICAGO  
LIBRARY

CHICAGO, ILLINOIS  
JANUARY 1900

TO THE PRESIDENT OF THE UNIVERSITY OF CHICAGO  
FROM THE LIBRARY OF THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO  
LIBRARY

CHICAGO, ILLINOIS  
JANUARY 1900

TO THE PRESIDENT OF THE UNIVERSITY OF CHICAGO  
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THE UNIVERSITY OF CHICAGO  
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TO THE PRESIDENT OF THE UNIVERSITY OF CHICAGO  
FROM THE LIBRARY OF THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO  
LIBRARY

Annual Report of the Division of University Extension, Page 2

The Total enrollments for the fiscal year beginning July 1, 1954 and ending June 30, 1955, numbered 28,140; of this total 22,482 were enrolled in classes and 5658 were enrolled in correspondence courses. This represents a decrease of 2484 over the previous fiscal year. This decrease is due, however, to the transfer of the teacher-training classes from the Division of University Extension to the Division of Teachers Colleges.

Of the total enrollments, 9224 were paid enrollments while 18,916 came from non-paying students such as veterans, inmates of correctional institutions, sanitoria, and hospitals. To date the Division of University Extension has aided in the education of over 135,619 World War II and Korean veterans.

Distribution of the paid and free enrollments was as follows:

PAID ENROLLMENTS

Class Enrollments.....	7,756	
Correspondence .....	<u>1,468</u>	
TOTAL PAID ENROLLMENTS .....		9,224

FREE ENROLLMENTS

## Veterans:

Class enrollments .....	14,726	
Correspondence Course Enrollments ....	<u>2,894</u>	
TOTAL ENROLLMENTS .....		17,620

Inmates of Correctional Institutions,  
Hospitals, and Sanitaria:

Correspondence Course Enrollments .....	<u>1,296</u>	
TOTAL FREE ENROLLMENTS.....		18,916
TOTAL ENROLLMENTS .....		28,140

EXPENDITURES AND RECEIPTS

The Division expended \$308,097.97 for administration and instruction over the fiscal year 1954-1955 with a return of \$125,592.52 in cash receipts. The net expenditure for the year therefore amounted to \$182,505.45 or \$6.48 per enrollee. Distribution of expenditures and receipts was as follows:

Expenditures for Administration and Instruction .....	\$308,097.97
---	--------------







Receipts:

Class enrollments .....	98,796.45
Correspondence enrollments .....	20,607.63
Sales of tests, laboratory materials, film rental, etc.....	6,188.44
Total Receipts .....	\$125,592.52
Net Expenditures.....	\$132,505.45

It should be pointed out, however, that any true evaluation of the Division's efforts cannot be had without taking into consideration the 18,916 free enrollments for which the Division cannot show cash receipts. The 7756 paying students paid at an average rate of \$15 per course. By applying this average of payment per course to the 18,916 free enrollments the following picture is developed:

ESTIMATED RECEIPTS

18,916 free enrollments @ \$15 per course ...	\$283,740.00
Receipts from paid enrollments .....	119,404.08
Receipts from sales .....	6,188.44
Total estimated receipts .....	\$409,332.52
Total expenditures .....	308,097.97
Estimated return to the Commonwealth .....	\$101,234.55

The following tables show the latest five-year picture of the Division's enrollments, receipts, and expenditures.

ENROLLMENTS

Fiscal Year	Correspondence Enrollments	Class Enrollments	Paid Enrollments	Free Enrollments	Totals
1950-51	3628	20,322	9874	14,276	24,150
1951-52	4146	19,873	12518	11,531	24,019
1952-53	4596	21,856	11015	15,437	26,452
1953-54	4681	25,743	11808	18,816	30,624
1954-55	5658	22,482	9224	18,916	28,140

RECEIPTS AND EXPENDITURES

Fiscal Year	Cash Receipts	Estimated Unpaid Receipts	Totals (Estimated)	Expenditures
1950-51	\$126,544.93	\$176,165.84	\$302,710.77	\$281,886.29
1951-52	141,205.08	129,787.21	271,092.29	287,400.02
1952-53	162,999.79	217,970.84	380,970.23	289,651.36
1953-54	187,400.21	282,240.00	469,640.21	321,781.26
1954-55	125,592.52	283,740.00	409,332.52	308,097.97



Large amount of material in collection, also in present, found

1895

1895-1896 1896-1897 1897-1898 1898-1899 1899-1900

1900-1901 1901-1902 1902-1903 1903-1904 1904-1905

1905-1906 1906-1907 1907-1908 1908-1909 1909-1910

1910-1911 1911-1912 1912-1913 1913-1914 1914-1915  
1915-1916 1916-1917 1917-1918 1918-1919 1919-1920  
1920-1921 1921-1922 1922-1923 1923-1924 1924-1925  
1925-1926 1926-1927 1927-1928 1928-1929 1929-1930  
1930-1931 1931-1932 1932-1933 1933-1934 1934-1935

1935-1936

1935-1936 1936-1937 1937-1938 1938-1939 1939-1940  
1940-1941 1941-1942 1942-1943 1943-1944 1944-1945  
1945-1946 1946-1947 1947-1948 1948-1949 1949-1950  
1950-1951 1951-1952 1952-1953 1953-1954 1954-1955  
1955-1956 1956-1957 1957-1958 1958-1959 1959-1960

1960-1961 1961-1962 1962-1963 1963-1964 1964-1965  
1965-1966 1966-1967 1967-1968 1968-1969 1969-1970  
1970-1971 1971-1972 1972-1973 1973-1974 1974-1975  
1975-1976 1976-1977 1977-1978 1978-1979 1979-1980

1980-1981

1980-1981	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986
1980-1981	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986
1980-1981	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986
1980-1981	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986
1980-1981	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986
1980-1981	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986

1986-1987

1986-1987	1987-1988	1988-1989	1989-1990	1990-1991
1986-1987	1987-1988	1988-1989	1989-1990	1990-1991
1986-1987	1987-1988	1988-1989	1989-1990	1990-1991
1986-1987	1987-1988	1988-1989	1989-1990	1990-1991
1986-1987	1987-1988	1988-1989	1989-1990	1990-1991
1986-1987	1987-1988	1988-1989	1989-1990	1990-1991

CLASS INSTRUCTION

During the fiscal year 1954-55 there was an enrollment of 22,482 students in 494 classes offered by the Division. These classes were held in 43 cities and towns throughout the Commonwealth. As has been the case in the past, the Boston-Cambridge area was the center of the heaviest activity with a total of 312 classes and an enrollment of 15,205 students. The remaining 182 classes with an enrollment of 7,277 were held in 41 other communities throughout the state.

In keeping with its stipulated policy of offering new and varied courses to its students, the Division instituted the following new courses during the fiscal year 1954-55.

Administrative Office  
 Book Collection  
 Business and Income Tax Records for Small Business  
 Candid Photography  
 Color Slide Course  
 Compressible Fluids  
 Construction Management  
 Day Camp Management  
 Dry Cleaning Management  
 Hospital Ward Management and Ward Teaching  
 School Plant Administration  
 Survey of Color and Black and White T-V Receivers  
 Techniques of Personnel Selection  
 Travel With a Camera

SURVEY OF CLASS ENROLLMENTS

<u>City or Town</u>	<u>Classes</u>	<u>Enrolled</u>	<u>Paid</u>	<u>Veterans</u>
Agawam	1	C A N C E L L E D		
Athol	7	183	80	103
Ayer	1	43	38	5
Belmont	2	57	54	3
Berlin	1	31	20	11
Boston	49	2393	1435	958
Cambridge	263	12812	4012	8800
Chicopee	5	203	17	191
Everett	1	24	19	5
Fall River	2	265	12	253
Fitchburg	6	159	57	102
Franklin	1	25	18	7
Gt. Barrington	1	29	27	2
Haverhill	1	C A N C E L L E D		
Holyoke	4	125	11	114
Hyannis	1	41	33	8
Lawrence	9	567	68	499
Longmeadow	7	213	71	142
Lowell	8	451	107	344
Melrose	1	31	30	1





CLASS ENROLLMENTS (Continued)

<u>City or Town</u>	<u>Classes</u>	<u>Enrolled</u>	<u>Paid</u>	<u>Veterans</u>
Middleboro	1	46	52	44
Milford	7	242	42	200
Milton	2	44	43	1
New Bedford	4	376	31	345
Northampton	9	245	66	179
Palmer	4	76	52	24
Pittsfield	37	1363	488	875
Provincetown	1	22	13	9
Salem	2	C A N C E L L E D		
Somerville	1	16	12	4
Southbridge	1	26	24	2
South Hadley	1	C A N C E L L E D		
Springfield	8	934	216	718
Taunton	3	103	70	33
Turners Falls	1	19	16	3
Uxbridge	2	80	69	11
Walpole	1	23	19	4
Waltham	1	22	2	20
Ware	1	20	19	1
Westfield	4	64	56	8
Westover	17	183	109	74
West Springfield	4	225	16	209
Worcester	17	674	269	405
Wrentham	1	22	13	7
Totals	494*	22,482	7,756	14,726

\* Less cancellations

Distribution of 1954-55 Class Courses, Enrollments, and Receipts According to Categories. (Refunds have been deducted from the receipts.)

<u>Type</u>	<u>Number of Courses</u>	<u>Enrolled</u>	<u>Paid</u>	<u>Veterans</u>	<u>Receipts</u>
Business and Professional	107	4751	2168	2583	\$26833
Civil Service Preparation	53	4036	556	3480	4176
Cultural Hobby	49	1959	1362	597	8871
English and Literature	45	1714	382	1132	7869





Annual Report of the Division of University Extension, Page 6

<u>Type</u>	<u>Number of Courses</u>	<u>Enrolled</u>	<u>Paid</u>	<u>Veterans</u>	<u>Receipts</u>
Foreign Language	9	258	109	149	\$ 2275
Health and Nutrition	4	94	87	7	400
History, Social and Economic	21	640	196	444	3719
Psychological Development	9	298	131	167	2163
Science and Mathematics	40	2143	460	1683	8682
Teacher Training	43	1567	957	610	19194
Trade and Industrial	114	5022	1348	3874	14614.45
Total	494	22482	7756	14726	\$ 98796.45

CORRESPONDENCE INSTRUCTION

The Correspondence Instruction Program had a total of 5658 new enrollments. This represents an increase of 777 enrollments over the previous fiscal year.

Of the 5658 new enrollments, 1468 were paying students. The remaining enrollments were free enrollments - 2894 being veterans and 1296 being inmates of correctional institutions, hospitals, and sanitarium. By law the Division enrolls these students free of charge, with payment only for books or laboratory materials.

The total receipts for the Correspondence Instruction Program amounted to \$20,607.63.

DISTRIBUTION OF 1954-55 CORRESPONDENCE COURSES AND ENROLLMENTS

<u>Type</u>	<u>Number of Courses</u>	<u>Enrollments</u>
Business and Professional	21	885
Civil Service Preparation	10	253





<u>Type</u>	<u>Number of Courses</u>	<u>Enrollments</u>
Cultural and Hobby	10	347
English and Literature	26	945
Foreign Languages	16	183
History and Government	7	399
Psychology and Education	7	190
Science and Mathematics	27	917
Trade and Industrial	44	1539
TOTALS	170	5658

#### THE STATE HIGH SCHOOL EQUIVALENCY CERTIFICATE PROGRAM

During the fiscal year 1954-55, 1740 applications were received from new candidates for the State High School Equivalency Certificate as compared with 1661 for the preceding year. Similar increases are evident in the numbers seeking advice, reporting progress on their programs, taking tests, and completing the requirements for the award of the State High School Equivalency Certificate. In the past year for example, 205 certificates were awarded as compared to 150 the previous year, while 7158 tests were administered as compared to 6801 the previous year.

Presently in its tenth year, the State High School Equivalency Certificate Program is at a point of peak activity. Over 8000 candidates are now in the process of completing programs of study leading to the certificate. To date some 1900 persons have received their certificates and about two-thirds of these have gone on for higher education.

#### OFFICE OF COMMUNICATIONS (AUDIO-VISUAL)

The fiscal year 1954-55 saw an extraordinary expansion in this office. The number of communities participating in the Massachusetts Film Cooperatives, which is administered by this office, was increased from eight school systems to twelve systems; from nineteen public libraries to fifty-four. In addition, a Hospital Nursing School Cooperative was established with eighteen hospitals participating. During the period of this report, the combined cooperatives placed on deposit in the library a number of films valued at \$5368. Film bookings for the year rose more than 50%.



Name		Address		Occupation	
1	John	123	St. John	Teacher	1890
2	Mary	456	St. Mary	Housewife	1891
3	James	789	St. James	Farmer	1892
4	Elizabeth	101	St. Elizabeth	Shopkeeper	1893
5	William	202	St. William	Blacksmith	1894
6	Anna	303	St. Anna	Widow	1895
7	Robert	404	St. Robert	Merchant	1896
8	Sarah	505	St. Sarah	Laundress	1897
9	Thomas	606	St. Thomas	Physician	1898
10	John	707	St. John	Engineer	1899
11	Mary	808	St. Mary	Teacher	1900
12	James	909	St. James	Farmer	1901
13	Elizabeth	1010	St. Elizabeth	Shopkeeper	1902
14	William	2020	St. William	Blacksmith	1903
15	Anna	3030	St. Anna	Widow	1904
16	Robert	4040	St. Robert	Merchant	1905
17	Sarah	5050	St. Sarah	Laundress	1906
18	Thomas	6060	St. Thomas	Physician	1907
19	John	7070	St. John	Engineer	1908
20	Mary	8080	St. Mary	Teacher	1909
21	James	9090	St. James	Farmer	1910
22	Elizabeth	10100	St. Elizabeth	Shopkeeper	1911
23	William	20200	St. William	Blacksmith	1912
24	Anna	30300	St. Anna	Widow	1913
25	Robert	40400	St. Robert	Merchant	1914
26	Sarah	50500	St. Sarah	Laundress	1915
27	Thomas	60600	St. Thomas	Physician	1916
28	John	70700	St. John	Engineer	1917
29	Mary	80800	St. Mary	Teacher	1918
30	James	90900	St. James	Farmer	1919
31	Elizabeth	101000	St. Elizabeth	Shopkeeper	1920
32	William	202000	St. William	Blacksmith	1921
33	Anna	303000	St. Anna	Widow	1922
34	Robert	404000	St. Robert	Merchant	1923
35	Sarah	505000	St. Sarah	Laundress	1924
36	Thomas	606000	St. Thomas	Physician	1925
37	John	707000	St. John	Engineer	1926
38	Mary	808000	St. Mary	Teacher	1927
39	James	909000	St. James	Farmer	1928
40	Elizabeth	1010000	St. Elizabeth	Shopkeeper	1929
41	William	2020000	St. William	Blacksmith	1930
42	Anna	3030000	St. Anna	Widow	1931
43	Robert	4040000	St. Robert	Merchant	1932
44	Sarah	5050000	St. Sarah	Laundress	1933
45	Thomas	6060000	St. Thomas	Physician	1934
46	John	7070000	St. John	Engineer	1935
47	Mary	8080000	St. Mary	Teacher	1936
48	James	9090000	St. James	Farmer	1937
49	Elizabeth	10100000	St. Elizabeth	Shopkeeper	1938
50	William	20200000	St. William	Blacksmith	1939
51	Anna	30300000	St. Anna	Widow	1940
52	Robert	40400000	St. Robert	Merchant	1941
53	Sarah	50500000	St. Sarah	Laundress	1942
54	Thomas	60600000	St. Thomas	Physician	1943
55	John	70700000	St. John	Engineer	1944
56	Mary	80800000	St. Mary	Teacher	1945
57	James	90900000	St. James	Farmer	1946
58	Elizabeth	101000000	St. Elizabeth	Shopkeeper	1947
59	William	202000000	St. William	Blacksmith	1948
60	Anna	303000000	St. Anna	Widow	1949
61	Robert	404000000	St. Robert	Merchant	1950
62	Sarah	505000000	St. Sarah	Laundress	1951
63	Thomas	606000000	St. Thomas	Physician	1952
64	John	707000000	St. John	Engineer	1953
65	Mary	808000000	St. Mary	Teacher	1954
66	James	909000000	St. James	Farmer	1955
67	Elizabeth	1010000000	St. Elizabeth	Shopkeeper	1956
68	William	2020000000	St. William	Blacksmith	1957
69	Anna	3030000000	St. Anna	Widow	1958
70	Robert	4040000000	St. Robert	Merchant	1959
71	Sarah	5050000000	St. Sarah	Laundress	1960
72	Thomas	6060000000	St. Thomas	Physician	1961
73	John	7070000000	St. John	Engineer	1962
74	Mary	8080000000	St. Mary	Teacher	1963
75	James	9090000000	St. James	Farmer	1964
76	Elizabeth	10100000000	St. Elizabeth	Shopkeeper	1965
77	William	20200000000	St. William	Blacksmith	1966
78	Anna	30300000000	St. Anna	Widow	1967
79	Robert	40400000000	St. Robert	Merchant	1968
80	Sarah	50500000000	St. Sarah	Laundress	1969
81	Thomas	60600000000	St. Thomas	Physician	1970
82	John	70700000000	St. John	Engineer	1971
83	Mary	80800000000	St. Mary	Teacher	1972
84	James	90900000000	St. James	Farmer	1973
85	Elizabeth	101000000000	St. Elizabeth	Shopkeeper	1974
86	William	202000000000	St. William	Blacksmith	1975
87	Anna	303000000000	St. Anna	Widow	1976
88	Robert	404000000000	St. Robert	Merchant	1977
89	Sarah	505000000000	St. Sarah	Laundress	1978
90	Thomas	606000000000	St. Thomas	Physician	1979
91	John	707000000000	St. John	Engineer	1980
92	Mary	808000000000	St. Mary	Teacher	1981
93	James	909000000000	St. James	Farmer	1982
94	Elizabeth	1010000000000	St. Elizabeth	Shopkeeper	1983
95	William	2020000000000	St. William	Blacksmith	1984
96	Anna	3030000000000	St. Anna	Widow	1985
97	Robert	4040000000000	St. Robert	Merchant	1986
98	Sarah	5050000000000	St. Sarah	Laundress	1987
99	Thomas	6060000000000	St. Thomas	Physician	1988
100	John	7070000000000	St. John	Engineer	1989
101	Mary	8080000000000	St. Mary	Teacher	1990
102	James	9090000000000	St. James	Farmer	1991
103	Elizabeth	10100000000000	St. Elizabeth	Shopkeeper	1992
104	William	20200000000000	St. William	Blacksmith	1993
105	Anna	30300000000000	St. Anna	Widow	1994
106	Robert	40400000000000	St. Robert	Merchant	1995
107	Sarah	50500000000000	St. Sarah	Laundress	1996
108	Thomas	60600000000000	St. Thomas	Physician	1997
109	John	70700000000000	St. John	Engineer	1998
110	Mary	80800000000000	St. Mary	Teacher	1999
111	James	90900000000000	St. James	Farmer	2000
112	Elizabeth	101000000000000	St. Elizabeth	Shopkeeper	2001
113	William	202000000000000	St. William	Blacksmith	2002
114	Anna	303000000000000	St. Anna	Widow	2003
115	Robert	404000000000000	St. Robert	Merchant	2004
116	Sarah	505000000000000	St. Sarah	Laundress	2005
117	Thomas	606000000000000	St. Thomas	Physician	2006
118	John	707000000000000	St. John	Engineer	2007
119	Mary	808000000000000	St. Mary	Teacher	2008
120	James	909000000000000	St. James	Farmer	2009
121	Elizabeth	1010000000000000	St. Elizabeth	Shopkeeper	2010
122	William	2020000000000000	St. William	Blacksmith	2011
123	Anna	3030000000000000	St. Anna	Widow	2012
124	Robert	4040000000000000	St. Robert	Merchant	2013
125	Sarah	5050000000000000	St. Sarah	Laundress	2014
126	Thomas	6060000000000000	St. Thomas	Physician	2015
127	John	7070000000000000	St. John	Engineer	2016
128	Mary	8080000000000000	St. Mary	Teacher	2017
129	James	9090000000000000	St. James	Farmer	2018
130	Elizabeth	10100000000000000	St. Elizabeth	Shopkeeper	2019
131	William	20200000000000000	St. William	Blacksmith	2020
132	Anna	30300000000000000	St. Anna	Widow	2021
133	Robert	40400000000000000	St. Robert	Merchant	2022
134	Sarah	50500000000000000	St. Sarah	Laundress	2023
135	Thomas	60600000000000000	St. Thomas	Physician	2024
136	John	70700000000000000	St. John	Engineer	2025
137	Mary	80800000000000000	St. Mary	Teacher	2026
138	James	90900000000000000	St. James	Farmer	2027
139	Elizabeth	101000000000000000	St. Elizabeth	Shopkeeper	2028
140	William	202000000000000000	St. William	Blacksmith	2029
141	Anna	303000000000000000	St. Anna	Widow	2030
142	Robert	404000000000000000	St. Robert	Merchant	2031
143	Sarah	505000000000000000	St. Sarah	Laundress	2032
144	Thomas	606000000000000000	St. Thomas	Physician	2033
145	John	707000000000000000	St. John	Engineer	2034
146	Mary	808000000000000000	St. Mary	Teacher	2035
147	James	909000000000000000	St. James	Farmer	2036
148	Elizabeth	1010000000000000000	St. Elizabeth	Shopkeeper	2037
149	William	2020000000000000000	St. William	Blacksmith	2038
150	Anna	3030000000000000000	St. Anna	Widow	2039
151	Robert	4040000000000000000	St. Robert	Merchant	2040
152	Sarah	5050000000000000000	St. Sarah	Laundress	2041
153	Thomas	6060000000000000000	St. Thomas	Physician	2042
154	John	7070000000000000000	St. John	Engineer	2043
155	Mary	8080000000000000000	St. Mary	Teacher	2044
156	James	9090000000000000000	St. James	Farmer	2045
157	Elizabeth	10100000000000000000	St. Elizabeth	Shopkeeper	2046
158	William	20200000000000000000	St. William	Blacksmith	2047
159	Anna	30300000000000000000	St. Anna	Widow	2048
160	Robert	40400000000000000000	St. Robert	Merchant	2049
161	Sarah	50500000000000000000	St. Sarah	Laundress	2050
162	Thomas	60600000000000000000	St. Thomas	Physician	2051
163	John	70700000000000000000	St. John	Engineer	2052
164	Mary	80800000000000000000	St. Mary	Teacher	2053
165	James	90900000000000000000	St. James	Farmer	2054
166	Elizabeth	101000000000000000000	St. Elizabeth	Shopkeeper	2055
167	William	202000000000000000000	St. William	Blacksmith	2056
168	Anna	303000000000000000000	St. Anna	Widow	2057
169	Robert	404000000000000000000	St. Robert	Merchant	2058
170	Sarah	505000000000000000000	St. Sarah	Laundress	2059
171	Thomas	606000000000000000000	St. Thomas	Physician	2060
172	John	707000000000000000000	St. John	Engineer	2061
173	Mary	808000000000000000000	St. Mary	Teacher	2062
174	James	909000000000000000000	St. James	Farmer	2063
175	Elizabeth	1010000000000000000000	St. Elizabeth	Shopkeeper	2064
176	William	2020000000000000000000	St. William	Blacksmith	2065
177	Anna	3030000000000000000000	St. Anna	Widow	2066
178	Robert	4040000000000000000000	St. Robert	Merchant	2067
179	Sarah	5050000000000000000000	St. Sarah	Laundress	2068
180	Thomas	6060000000000000000000	St. Thomas	Physician	2069
181	John	7070000000000000000000	St. John	Engineer	2070
182	Mary	8080000000000000000000	St. Mary	Teacher	2071
183	James	9090000000000000000000	St. James	Farmer	2072
184	Elizabeth	10100000000000000000000	St. Elizabeth	Shopkeeper	2073
185	William	20200000000000000000000	St. William	Blacksmith	2074
186	Anna	30300000000000000000000	St. Anna	Widow	2075
187	Robert	40400000000000000000000	St. Robert	Merchant	2076
188	Sarah	50500000000000000000000	St. Sarah	Laundress	2077
189	Thomas	60600000000000000000000	St. Thomas	Physician	2078
190	John	70700000000000000000000	St. John	Engineer	2079
191	Mary	80800000000000000000000	St. Mary	Teacher	2080
192	James	90900000000000000000000	St. James	Farmer	2081
193	Elizabeth	101000000000000000000000	St. Elizabeth	Shopkeeper	2082
194	William	202000000000000000000000	St. William	Blacksmith	2083
195	Anna	303000000000000000000000	St. Anna	Widow	2084
196	Robert	404000000000000000000000	St. Robert	Merchant	2085
197	Sarah	505000000000000000000000	St. Sarah	Laundress	2086
198	Thomas	606000000000000000000000	St. Thomas	Physician	2087
199	John	707000000000000000000000	St. John	Engineer	2088
200	Mary	808000000000000000000000	St. Mary	Teacher	2089
201	James	909000000000000000000000	St. James	Farmer	2090
202	Elizabeth	1010000000000000000000000	St. Elizabeth	Shopkeeper	2091
203	William	2020000000000000000000000	St. William	Blacksmith	2092
204	Anna	3030000000000000000000000	St. Anna	Widow	2093
205					

The rapid expansion of the Office of Communications necessitated a re-appraisal of need for increased personnel. One new full-time person was assigned, and plans were made for further addition in 1955-56. The title of the office was changed from that of Office of Audio-Visual Education to that of Office of Communications, since many of the activities of the office were concerned with other media of communication than film. The development and production of Television programs became a major activity, as did the development of an over-all public relations program. The office worked closely with the Executive Secretary of the Massachusetts Conference on Education at Amherst from May 1 onward.

The administrative personnel continued its activities of cooperating with the other state and local educational and civic groups, and made a large number of visitations to survey local school systems. This office is rapidly expanding its services throughout the Commonwealth to obtain the objective of the Division of University Extension for "Educational Opportunity for Every Citizen."



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S T A T I S T I C S

FINANCIAL REPORT OF THE DEPARTMENT OF EDUCATION

Fiscal Period ended June 30, 1955

(From Thirty-third Annual Report of the  
Department of Administration and Finance)



## GENERAL FUND

RECEIPTS BY DEPARTMENTS AND SOURCE FOR THE FISCAL YEAR ENDED JUNE 30, 1955

<u>Department</u>	<u>Total Receipts</u>	<u>Taxes &amp; Surtaxes</u>	<u>Fees, Fines &amp; Penalties</u>	<u>Licenses &amp; Permits</u>
<b>EDUCATION:</b>				
Division of the Blind	\$ 267 649 63	\$ -	\$ -	\$ 9 00
Administration	129 952 62	-	122 608 50	7 200 00
Division of University Extension	125 592 52	-	119 404 08	-
Teachers' Retirement Board	34 477 33	-	-	-
Division of Schools	16 380 14	-	-	-
Summer School	7 176 50	-	6 208 50	-
Division of Vocational Education	3 811 50	-	3 811 50	-
Division of Public Libraries	92 32	-	49 00	-
Division of Vocational Rehabilitation	50 50	-	-	-
Division of Immigration & Americanization	45	-	-	-
<b>Schools and Colleges:</b>				
University of Massachusetts	1 969 649 73	-	587 406 95	-
Massachusetts Maritime Academy	83 889 63	-	27 900 00	-
Massachusetts School of Art	43 464 10	-	43 079 00	-
State Teachers' Colleges:				
Bridgewater	280 244 30	-	69 915 05	-
Fitchburg	219 175 11	-	55 323 50	-
Framingham	192 196 97	-	58 956 53	-
Boston	111 517 99	-	78 131 95	-
Salem	80 068 90	-	63 461 00	-
Westfield	53 936 77	-	25 911 00	-
Worcester	47 205 48	-	46 625 44	-
Lowell	43 618 97	-	43 558 47	-
North Adams	26 747 27	-	13 697 50	-
<b>Textile and Technical Schools:</b>				
Lowell	264 548 76	-	179 943 34	-
Bradford Durfee	56 381 30	-	44 954 25	-
New Bedford	47 980 74	-	35 442 20	-
<b>Youth Service Board:</b>				
Detention Home	61 425 59	-	-	-
Industrial School for Boys	37 703 72	-	-	-
Lyman School for Boys	22 417 30	-	-	-
Industrial School for Girls	12 656 42	-	-	-
Administration	4 558 01	-	-	-
Institute of Juvenile Guidance	3 005 50	-	-	-
School Building Assistance Commission	5 67	-	-	-
<b>Total</b>	<b>\$ 4 247 581 74</b>	<b>\$ -</b>	<b>\$1 626 387 76</b>	<b>\$ 7 209 00</b>

## GENERAL FUND

## RECEIPTS BY DEPARTMENTS AND SOURCE FOR THE FISCAL YEAR ENDED JUNE 30, 1955

<u>Rents</u>	<u>Sales</u>	<u>Miscellaneous</u>	<u>Interest &amp; Income</u>	<u>Reimbursement for Services</u>	<u>Federal Reimbursement</u>	<u>Contributions &amp; Assessments</u>
\$ -	\$ 247 119 56	\$ 735 74	\$ -	\$ 19 785 33	\$ -	\$ -
-	44 39	99 73	-	-	-	-
-	6 180 20	8 24	-	-	-	-
-	-	34 477 33	-	-	-	-
-	-	-	-	16 380 14	-	-
-	-	968 00	-	-	-	-
-	-	-	-	-	-	-
-	-	43 32	-	-	-	-
-	-	50 50	-	-	-	-
-	-	45	-	-	-	-
517 323 28	98 848 43	10 251 17	-	700 069 03	55 750 87	-
811 33	-	39 38	-	1 404 80	53 734 12	-
-	59 50	81 60	-	-	244 00	-
1 745 42	1 993 12	11 46	-	206 109 25	470 00	-
304 37	236 00	25 17	-	162 608 82	677 25	-
2 724 00	474 62	207 30	-	129 834 52	-	-
32 898 04	-	101 00	-	-	387 00	-
50 14	129 50	-	-	15 978 26	450 00	-
549 83	47 00	-	-	22 469 86	1 341 49	3 617 59
73 18	69 00	2 09	-	-	435 77	-
-	60 50	-	-	-	-	-
972 86	48 00	-	-	11 859 25	169 66	-
65 139 70	8 408 70	134 02	-	-	923 00	10 000 00
-	678 64	58 10	-	96 31	594 00	10 000 00
-	25 39	1 892 25	-	-	620 90	10 000 00
-	-	18 75	-	1 311 00	-	60 095 84
11 112 32	23 379 56	13 84	-	3 198 00	-	-
9 389 89	2 731 39	330 02	-	9 966 00	-	-
4 183 36	139 06	-	-	8 334 00	-	-
-	-	169 78	-	4 388 23	-	-
1 142 50	-	-	-	1 863 00	-	-
-	-	5 67	-	-	-	-
<u>\$ 648 420 22</u>	<u>\$ 390 672 56</u>	<u>\$ 49 724 91</u>	<u>\$ -</u>	<u>\$1 315 655 80</u>	<u>\$ 115 798 06</u>	<u>\$ 93 713 43</u>





## GENERAL FUND

## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1955

	Appropriation	Other Credits	Total Credits	Expenditures	Unencumbered Balance
<b>1300 DEPARTMENT OF EDUCATION</b>					
<b>1301 Administration</b>					
01 Commissioner's salary	\$ 11 000 00	\$ -	\$ 11 000 00	\$ 11 000 00	\$ -
02 Administration	362 490 00	-	362 490 00	334 546 35	27 943 65
03 Teachers' extension courses	20 000 00	100 000 00 F	120 000 00	119 747 38	252 62
06 School registers and blanks	4 900 00	-	4 900 00	4 578 14	321 86
07 Teachers' institute	970 00	-	970 00	959 10	10 90
08 Aid - pupils in State teachers' coll.	4 000 00	-	4 000 00	4 000 00	-
10 Maintenance of Newbury St. bldg.	38 990 00	948 64 T 410 00 J	40 348 64	40 160 58	188 06
11 Printing laws relating to education	5 000 00	-	5 000 00	-	5 000 00 R
12 Meeting - N. East. State Bd. & Comm. Ed.	1 000 00	-	1 000 00	500 00	500 00
20 Board of Education	10 005 00	-	10 005 00	8 561 24	1 443 76
21 Mass. Rehabilitation Commission	12 600 00	-	12 600 00	11 900 00	700 00
23 Printing guides	-	13 241 59 A	13 241 59	1 790 26	11 451 33 R
25 Board of Collegiate Authority	625 00	-	625 00	550 00	75 00
29 Reimb. for sight saving classes	1 250 00	-	1 250 00	1 250 00	-
31 School facilities survey	-	11 492 50 A	11 492 50	11 408 94	83 56
02-01 Summer School - maintenance	7 910 00	-	7 910 00	7 632 39	277 61
<b>1305 School Lunch Program</b>					
01 Administration	96 299 00	-	96 299 00	94 218 92	2 080 08
05 Partial assistance	290 000 00	31 92 A	290 031 92	201 189 58	88 842 34 R
<b>1307 Div. of Vocational Education</b>					
01 Administration	102 186 00	-	102 186 00	100 596 91	1 589 09
02 Surplus Property Board	17 200 00	250 00 J	17 450 00	17 447 03	2 97
09-01 Div. of Voc. Rehabilitation - expenses	232 000 00	54 908 43 A	286 908 43	201 282 18	85 626 25 R
11-01 Div. of Schools - educ. deaf & blind	1 018 500 00	523 689 68 A	1 542 189 68	1 117 961 80	424 227 88 R
13-01 Div. of Univ. Extension - adminis.	308 425 00	3 500 00 J	311 925 00	308 097 97	3 827 03
15-01 Div. of Immigr. & Amer. - adminis.	86 530 00	430 00 J	86 960 00	86 767 22	192 78
16-01 Div. of Public Libraries - adminis.	114 610 00	-	114 610 00	107 394 41	7 215 59
<b>1317 Division of the Blind</b>					
01 Administration	261 285 00	-	261 285 00	225 746 46	35 538 54
08 Aid to adult blind	1 179 900 00	143 410 74 A	1 323 310 74	1 240 433 09	82 877 35 R
10 Piano tuning	22 500 00	-	22 500 00	19 203 50	3 296 50
11 Local shops	168 951 00	-	168 951 00	144 644 72	24 306 28
13 Woolson House	97 458 00	-	97 458 00	72 799 33	24 658 67
15 Salesroom operation	38 325 00	-	38 325 00	31 213 73	7 111 27
16 Cambridge industries	366 146 00	-	366 146 00	311 873 58	54 272 42
17 Springfield workshop	50 124 00	-	50 124 00	44 612 33	5 511 67
28 Promotion - vocational rehabilitation	30 000 00	-	30 000 00	28 067 02	1 932 98





## GENERAL FUND

## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1955

	Appropriation	Other Credits	Total Credits	Expenditures	Unencumbered Balance
<b>1300 DEPARTMENT OF EDUCATION</b>					
1319 Teachers' Retirement Board					
01 Administration	\$ 116 481 00	\$ -	\$ 116 481 00	\$ 110 644 44	\$ 5 836 56
08 Retirement system - state share	6 895 000 00	34 477 33 F 106 971 10 A	7 036 448 43	7 021 453 66	14 994 77 R
1327 Mass. Maritime Academy					
01 Administration	10 770 00	-	10 770 00	10 380 93	389 07
10 Academy and ship - maintenance	344 317 00	4 484 30 T	348 801 30	346 898 15	1 903 15
1330 State Teachers' Col. - Bridgewater					
01 Maintenance	473 840 00	3 478 08 T	477 318 08	473 702 58	3 615 50
21 Boarding hall, maintenance	174 530 00	2 200 00 J	176 730 00	172 684 83	4 045 17
22 Renovation of steam system	16 000 00	22 388 18 A	38 388 18	28 568 60	9 819 58 R
23 Renovation of electrical system	-	80 102 16 A	80 102 16	-	80 102 16 R
1331 State Teachers' Col. - Fitchburg					
01 Maintenance	458 252 00	1 180 00 T	459 432 00	448 639 09	10 792 91
21 Boarding hall, maintenance	96 130 00	-	96 130 00	92 635 48	3 494 52
22 Plumbing renovations	-	59 740 00 A	59 740 00	42 877 95	16 862 05 R
23 Floor covering	-	1 587 76 A	1 587 76	921 64	666 12
25 Boiler plant	-	66 000 00 A	66 000 00	61 810 87	1 827 77 R
					2 361 36
1332 State Teachers' Col. - Framingham					
01 Maintenance	368 410 00	3 000 00 T	371 410 00	370 406 41	1 003 59
21 Boarding hall, maintenance	141 575 00	-	141 575 00	141 544 92	30 08
36 Renovation of heating system	7 000 00	10 000 00 A	17 000 00	-	17 000 00 R
33-01 State Teachers' Col. - Lowell, maint.	242 545 00	-	242 545 00	242 449 16	95 84
1334 State Teachers' Col. - North Adams					
01 Maintenance	156 890 00	-	156 890 00	149 079 94	7 810 06
21 Boarding hall, maintenance	26 970 00	-	26 970 00	20 937 55	6 032 45
32 Masonry work	-	422 80 A	422 80	-	422 80 R
35 Exterior painting	-	67 35 A	67 35	67 35	-
1335 State Teachers' Col. - Salem					
01 Maintenance	353 700 00	2 250 00 J 1 140 00 T	357 090 00	353 738 63	3 351 37
21 Floor covering	-	18 319 00 A	18 319 00	4 795 00	13 524 00
38 Paint training school interior	-	36 00 A	36 00	-	36 00 R
39 Purchase of land	-	4 700 00 A	4 700 00	-	4 700 00 R
1336 State Teachers' Col. - Westfield					
01 Maintenance	170 085 00	1 030 40 T	171 115 40	170 448 62	666 78
21 Boarding hall, maintenance	8 090 00	-	8 090 00	7 579 82	510 18
1337 State Teachers' Col. - Worcester					
01 Maintenance	248 690 00	-	248 690 00	244 221 05	4 468 95
31 Resurfacing floors	5 000 00	-	5 000 00	3 033 00	1 967 00 R
1338 State Teachers' Col. - Boston					
01 Maintenance	415 240 00	11 791 19 T	427 031 19	415 191 42	11 839 77
21 Reconstruct coping & parapet	20 000 00	-	20 000 00	-	20 000 00 R
24 Interior painting	5 000 00	-	5 000 00	4 999 53	47 R
39-01 Mass. School Art - maintenance	224 355 00	-	224 355 00	224 013 77	341 23
1340 Bradford Durfee Technical Inst.					
01 Maintenance	225 825 00	-	225 825 00	213 566 60	12 258 40
21 Fiftieth anniversary celebration	1 000 00	-	1 000 00	998 70	1 30
1342 New Bedford Inst. of Text. & Tech.					
01 Maintenance	223 435 00	494 00 T	223 929 00	222 732 32	1 196 68
22 Interior painting	10 000 00	-	10 000 00	10 000 00	-
1345 Lowell Technological Inst. of Mass.					
01 Maintenance	943 980 00	-	943 980 00	943 795 20	184 80
38 Land	-	9 885 00 A	9 885 00	2 130 00	7 755 00 R
39 Power plant improvements	-	10 214 74 A	10 214 74	7 845 37	2 369 37 R
42 Scholarships	5 000 00	-	5 000 00	5 000 00	-
80 Summer school	-	10 134 43 F	10 134 43	314 32	9 820 11 R
1350 University of Massachusetts					
01 Maintenance	6 058 645 00	25 771 86 C 78 655 00 J	6 163 071 86	6 136 666 70	26 405 16
21 Research with Federal Government	-	50 550 43 A	50 550 43	22 180 89	28 369 54 R
23 Improv. of physical educ. facilities	-	44 181 03 A	44 181 03	31 934 03	12 247 00 R
24 Resurfacing Clark Hill - other roads	-	3 000 00 A	3 000 00	2 940 00	60 00
25 Add'l improv. - farm buildings	-	70 000 00 A	70 000 00	-	70 000 00 R
96 Commonwealth scholarships	25 000 00	-	25 000 00	25 000 00	-
98 Purchase of certain land	-	5 000 00 A	5 000 00	5 000 00	-



## GENERAL FUND

## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1955

	Appropriation	Other Credits	Total Credits	Expenditures	Unencumbered Balance
1300 DEPARTMENT OF EDUCATION					
80-01 Youth Service Bd. - adminis.	\$ 551 035 00	\$ 10 770 00 C	\$ 561 805 00	\$ 555 608 91	\$ 6 196 09
81-01 Ind. School for Boys - maintenance	548 310 00	-	548 310 00	536 930 84	11 379 16
82-01 Ind. School for Girls - maintenance	361 735 00	2 220 00 J	363 955 00	361 795 24	2 159 76
1383 Lyman School for Boys					
01 Maintenance	776 765 00	14 400 00 J	791 165 00	790 509 22	655 78
21 Plumbing & heating repairs	-	51 960 40 A	51 960 40	714 21	51 246 19 R
22 Water mains	-	48 800 00 A	48 800 00	38 762 41	10 037 59 R
84-01 Detention Home - maintenance	131 520 00	-	131 520 00	126 817 46	4 702 54
85-01 Inst. of Juvenile Guidance - maint.	177 495 00	-	177 495 00	176 883 88	611 12
91-01 Bd. of Educ. Television - expenses	-	24 759 87 A	24 759 87	13 199 38	11 560 49 R
93-01 School Bldg. Asst. Comm. - admin.	63 235 00	-	63 235 00	62 202 96	1 032 04
TOTAL	\$26 043 029 00	\$ 1 748 475 91	\$27 791 504 91	\$26 369 387 19	\$ 1 069 163 34 R 352 954 38

1400 DEPARTMENT OF CIVIL SERVICE  
AND REGISTRATION

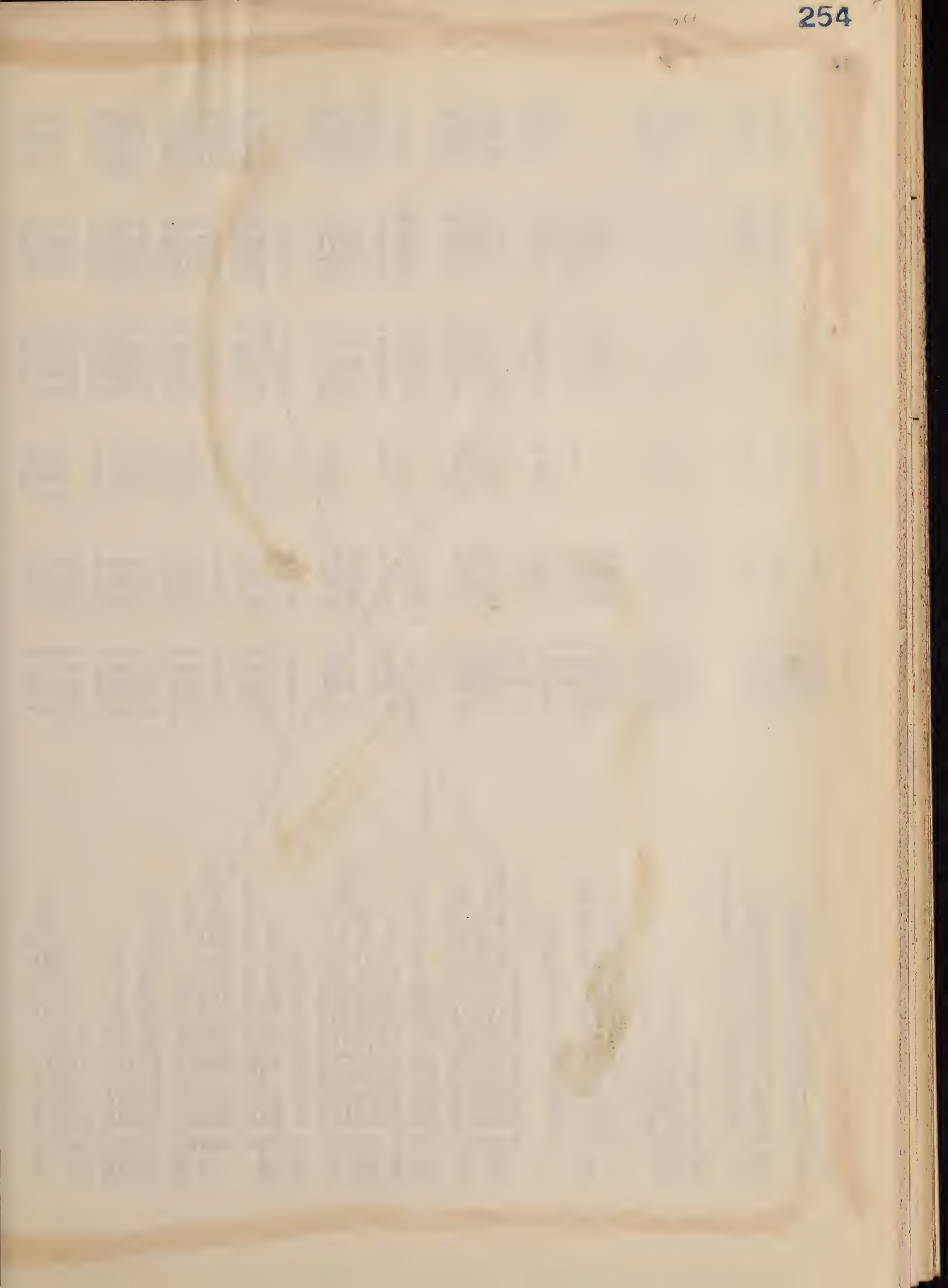
1402 Division of Civil Service					
01 Commissioner & associates	\$ 33 400 00	\$ -	\$ 33 400 00	\$ 33 400 00	\$ -
02 Administration	810 800 00	-	810 800 00	810 164 85	635 15
21 Hearings on removals	4 000 00	-	4 000 00	3 500 00	500 00
1403 Division of Registration					
01 Director's salary	5 000 00	-	5 000 00	5 000 00	-
02 Administration	214 515 00	5 000 00 J	219 515 00	216 650 73	2 864 27
04-01 Bd. of Registration in Medicine	8 060 00	140 58 B	8 200 58	8 200 58	-
05-01 Bd. of Dental Examiners	4 800 00	760 00 H	5 560 00	5 560 00	-
06-01 Bd. of Registration in Chiropody	2 800 00	180 00 H	2 980 00	1 980 00	1 000 00
07-01 Bd. of Registration in Pharmacy	26 980 00	2 147 00 C	29 127 00	29 116 43	10 57
08-01 Bd. of Registration in Nursing	4 405 00	502 00 H	4 907 00	4 852 25	54 75
09-01 Bd. of Registration in Embalming & Funeral Directing	11 100 00	-	11 100 00	10 270 65	829 35
10-01 Bd. of Registration in Optometry	2 250 00	380 00 H	2 630 00	2 630 00	-
11-01 Bd. of Regist. in Veterinary Medicine	2 390 00	-	2 390 00	2 350 00	40 00
12-01 Bd. of Registration of Professional Engineers & Land Surveyors	4 010 00	-	4 010 00	3 892 64	117 36
13-01 Bd. of Registration of Architects	3 410 00	500 00 H	3 910 00	3 158 21	751 79
14-01 Bd. of Registration of Certified Public Accountants	9 350 00	5 055 00 B	14 405 00	14 246 14	158 86
16-01 State Examiners of Electricians	8 000 00	200 00 H	8 200 00	8 200 00	-
17-01 State Examiners of Plumbers	6 250 00	220 00 H	6 470 00	6 470 00	-
20-01 Bd. of Registration of Barbers	36 763 00	-	36 763 00	36 427 58	335 42
21-01 Bd. of Registration of Hairdressers	72 075 00	-	72 075 00	66 447 83	5 627 17
TOTAL	\$ 1 270 358 00	\$ 15 084 58	\$ 1 285 442 58	\$ 1 272 517 89	\$ 12 924 69

## 1500 DEPARTMENT OF COMMERCE

51-01 Administration	\$ 548 799 00	\$ 52 213 68 A	\$ 601 012 68	\$ 566 749 51	\$ 34 263 17 R
41 Amer. Shore & Beach Assoc. Conv.	-	434 17 A	434 17	434 17	-
42 Certain aerial photography	-	40 A	40	-	40
44 New England Textile Committee	5 460 00	-	5 460 00	5 460 00	-
45 New Eng. Reg. Atomic Energy Comm.	2 500 00	-	2 500 00	2 500 00	-
TOTAL	\$ 556 759 00	\$ 52 648 25	\$ 609 407 25	\$ 575 143 68	\$ 34 263 17 R 40

1600 DEPARTMENT OF LABOR AND  
INDUSTRIES

01-01 Administration	\$ 79 520 00	\$ -	\$ 79 520 00	\$ 74 326 97	\$ 5 193 03
03-01 Division of Industrial Inspection	335 855 00	-	335 855 00	329 073 01	6 781 99
05-01 Division of Occupational Hygiene	70 660 00	-	70 660 00	67 295 70	3 364 30
07-01 Division of Statistics	140 615 00	-	140 615 00	135 069 31	5 545 69
1609 Div. of Necessaries of Life					
01 Administration	23 200 00	480 00 J	23 680 00	23 462 92	217 08
05 Motor fuel sales - adminis.	59 643 00	2 100 00 J	61 743 00	61 417 81	325 19





## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNEXPENDED BALANCES AS OF JUNE 30, 1955

	CURRENT FISCAL YEAR					CUMULATIVE TOTALS	
	Appropriation	Other Credits	Total Credits	Expenditures	Unexpended Balance	Total Authorization	Total Payments
<b>DEPARTMENT OF NATURAL RESOURCES</b>							
8254-04 Development & improvement recreation areas	-	\$ 465 985 26 A	\$ 465 985 26	\$ 253 536 98	\$ 212 448 28 R	\$ 494 660 89	\$ 282 212 61
44 Development - Willard Brook State Forest	-	-	-	-	-	5 339 11	5 339 11
8255-05 Development & improvement recreation areas	-	400 000 00 A	400 000 00	78 672 67	321 327 33 R	400 000 00	78 672 67
86 Development Mt. Tom State Reservation	-	92 000 00 A	92 000 00	9 770 67	82 229 33 R	92 000 00	9 770 67
8325-00 Gypsy Moth Control Program	-	1 321 981 72 A	1 321 981 72	105 994 57	1 215 987 15 R	1 575 000 00	359 012 85
<b>DEPARTMENT OF EDUCATION</b>							
8255-06 Administration	-	531 000 00 A	531 000 00	1 40	530 998 60 R	531 000 00	1 40
Fire protection improvements	-	-	-	-	-	-	-
Massachusetts Maritime Academy	-	-	-	-	-	-	-
7713-01 State Pier Facilities, Buzzards Bay	-	25 000 00 A	25 000 00	-	25 000 00 R	25 000 00	-
7813-04 State Pier Facilities, Buzzards Bay	-	42 100 72 A	42 100 72	-	42 100 72 R	120 000 00	77 899 28
Massachusetts School of Art	-	-	-	-	-	-	-
7918-12 Wiring	-	4 61 A -4 61 K	-	-	-	14 170 39	14 170 39
State Teachers' College - Boston	-	-	-	-	-	-	-
8254-06 Boiler plt. & steam distrib. sys. improv.	-	133 200 00 A	133 200 00	110 856 72	22 343 28 R	135 000 00	112 656 72
8255-10 Renovations and improvements	-	76 000 00 A	76 000 00	3 199 67	72 800 33 R	76 000 00	3 199 67
State Teachers' College - Bridgewater	-	-	-	-	-	-	-
7613-01 Plans & specs. dormitory bldg.	-	21 101 85 A	21 101 85	-	21 101 85 R	30 000 00	8 898 15
15 Plans & specs. gymnasium bldg.	-	36 000 00 A	36 000 00	15 515 50	20 484 50 R	36 000 00	15 515 50
7713-03 Renovation refrigeration facilities	-	627 46 A	627 46	138 44	489 02 R	17 000 00	16 510 98
7918-10 Fire protection	-	711 06 A -711 06 K	-	-	-	53 288 94	53 288 94
8254-05 Storage building	-	9 750 00 A	9 750 00	97 00	9 653 00 R	10 000 00	347 00
8255-07 Gymnasium & swimming pool bldg.	-	1 120 000 00 A	1 120 000 00	40 020 00	1 079 980 00 R	1 120 000 00	40 020 00
State Teachers' College - Fitchburg	-	-	-	-	-	-	-
7613-02 Fire protection	-	51 782 55 A	51 782 55	2 441 26	49 341 29 R	65 000 00	15 658 71
7713-04 Plans & specs. dorm., dining hl. & kitchen	-	34 780 00 A	34 780 00	8 500 00	26 280 00 R	35 000 00	8 720 00
05 Renovation heating system, Edgerly Bldg.	-	2 859 72 A	2 859 72	2 859 46	26 R	31 500 00	31 499 74
06 Renovation masonry, Industr. Arts Bldg.	-	5 316 63 A	5 316 63	3 999 94	1 316 69 R	30 000 00	28 683 31
8255-08 Gymnasium bldg.	-	453 000 00 A	453 000 00	356 28	452 643 72 R	453 000 00	356 28
State Teachers' College - Framingham	-	-	-	-	-	-	-
7613-04 Auditorium - gymnasium bldg. etc.	-	556 376 89 A	556 376 89	437 255 03	119 121 86 R	625 000 00	505 878 14
7713-08 Power plant improvements	-	49 752 45 A	51 734 92	51 027 83	707 09 R	113 282 47	112 575 38
7918-11 Power plant improvements	-	1 982 47 P	-	-	-	-	-
8013-01 Fire protection	-	875 96 A 620 25 A	875 96 620 25	440 62	435 34 R 620 25 R	75 000 00 5 920 33	74 564 66 5 300 08
State Teachers' College - Lowell	-	-	-	-	-	-	-
7713-09 Auditorium, gymnasium, classroom	-	714 594 52 A	724 129 52	588 881 53	135 247 99 R	859 535 00	724 287 01
10 Fire protection improvements	-	9 535 00 P	9 611 60	-	9 611 60 R	82 645 00	73 033 40
8255-09 Convert auditorium to library	-	15 000 00 A	15 000 00	-	15 000 00 R	15 000 00	-
State Teachers' College - North Adams	-	-	-	-	-	-	-
7613-16 Plans and specs. Science Bldg.	-	75 000 00 A	75 000 00	-	75 000 00 R	75 000 00	-
7713-11 Modernization & renovation buildings	-	215 585 05 A	215 585 05	36 377 84	179 207 21 R	252 500 00	73 292 79
7918-07 Fire protection	-	10 411 40 A	10 411 40	2 839 77	7 571 63 R	51 550 00	43 978 37



State Teachers' College - Salem	7713-12 New floor covering	-	1 461 02 A	1 461 02	339 67	1 121 35 R	30 000 00	28 878 65
	7918-06 Plumbing	-	674 11 A	-	-	-	25 625 89	25 625 89
	8254-36 Plans and specs. new building	-	-674 11 K	49 780 00 A	5 225 92	44 554 08 R	50 000 00	5 445 92
State Teachers' College - Westfield	7613-05 College bldg., dorm., kitchen & dining facilities	-	3 024 414 50 A	3 024 414 50	709 369 19	2 315 045 31 R	3 025 000 00	709 954 69
	7713-13 Plans and specifications buildings	-	30 508 99 A	30 508 99	29 923 49	585 50 R	125 000 00	124 414 50
	7918-09 Fire protection and flooring	-	26 104 12 A	25 998 79	25 988 87	9 92 R	99 894 67	99 884 75
		-	-105 33 N					
Bradford Durfee Technical Institute	7918-13 Alterations, equipment, etc.	-	10 395 01 A	11 343 08	11 306 87	36 21 R	421 248 07	421 211 86
		-	-24 18 N					
Lowell Technological Institute of Massachusetts	7613-06 Power plant & lighting improvements	-	42 000 00 A	42 000 00	-	42 000 00 R	42 000 00	-
	07 Building renovations	-	284 000 00 A	284 000 00	-	284 000 00 R	284 000 00	-
	7713-17 Machinery, furnishing & equipment	-	26 331 09 A	26 331 09	21 102 49	5 228 60 R	287 806 00	282 577 40
7918-14 Auditorium - administration buildings	18 Lighting improvements	-	13 000 00 A	13 000 00	-	13 000 00 R	13 000 00	-
	19 Freight & passenger elevator	-	3 150 95 A	3 150 95	2 470 54	680 41 R	21 000 00	20 319 59
		-	149 259 29 A	149 033 87	137 192 59	11 841 28 R	695 774 58	683 933 30
15 Paper & leather engineering buildings		-	-225 42 K					
		-	21 567 26 A	21 557 31	16 750 64	4 806 67 R	164 990 05	160 183 38
		-	-9 95 N					
16 Power plant improvements		-	37 01 A	37 01	37 01	-	19 000 00	19 000 00
	8013-06 Engineering building	-	10 904 37 A	10 904 37	1 321 81	9 582 56 R	585 029 21	575 446 65
	8255-11 Machinery and equipment	-	110 000 00 A	110 000 00	31 509 41	78 490 59 R	110 000 00	31 509 41
12 Fire protection improvements		-	35 000 00 A	35 000 00	-	35 000 00 R	35 000 00	-
		-						
New Bedford Institute of Textiles & Technology	7813-03 Building renovations	-	1 500 00 A	1 500 00	1 500 00	-	69 279 01	69 279 01
	7918-17 New building	-	769 652 54 A	769 652 54	466 138 65	303 513 89 R	866 000 00	562 486 11
University of Massachusetts	7613-08 Medical and dental school study	-	5 915 59 A	5 915 59	5 238 05	677 54 R	25 000 00	24 322 46
	09 Fire protection & improvements - Bowker Aud.	-	231 383 60 A	257 883 60	175 990 75	81 892 85 R	262 500 00	180 607 15
		-	26 500 00 P					
10 Paige laboratory reconstruction		-	16 000 00 A	18 500 00	-	18 500 00 R	18 500 00	-
		-	2 500 00 P					
	11 Farm & dairy building improvements	-	70 042 46 A	70 042 46	6 326 21	63 716 25 R	75 000 00	11 283 75
12 Engineering building wing		-	790 934 23 A	790 934 23	408 953 32	381 980 91 R	850 000 00	468 019 09
		-						
	13 Public health building	-	987 602 80 A	987 602 80	-	987 602 80 R	1 031 000 00	43 397 20
14 Power plant improvements		-	40 722 40 A	40 722 40	29 868 66	10 853 74 R	166 000 00	155 146 26
		-	69 957 67 A	69 957 67	62 715 60	7 242 07 R	70 000 00	62 757 93
	7713-21 New botanical building	-	29 042 01 A	29 042 01	-	29 042 01 R	33 000 00	3 957 99
22 Laboratory & improv., French & Wilder Halls		-	5 837 28 A	5 837 28	1 442 31	4 394 97 R	30 000 00	25 605 03
	23 Reconstruction Paige Laboratory	-						
		-						
7918-18 Animal disease control buildings		-	7 881 66 A	7 595 69	924 89	6 670 80 R	110 714 03	104 043 23
		-	-285 97 K					
19 Physical education facilities improvements		-	2 766 48 A	274 65	-	274 65 R	27 508 17	27 233 52
		-	-2 491 83 N					
79 Dining Hall		-	64 150 88 A	64 150 88	44 817 08	19 333 80 R	760 000 00	740 666 20
	8013-09 Power plant construction & improvements	-	02 A	-	-	-	1 360 999 98	1 360 999 98
8113-07 Physics building		-	-02 K					
		-	799 06 A	799 06	600 00	199 06 R	518 000 00	517 800 94
8254-07 Disease control laboratory		-	1 264 75 A	1 264 75	1 176 50	88 25 R	113 100 00	113 011 75
	Plans & specs. physical education bldg.	-	47 539 52 A	47 539 52	9 539 52	38 000 00 R	50 000 00	12 000 00
	08 Plans & specs. chemistry laboratory	-	75 000 00 A	75 000 00	-	75 000 00 R	75 000 00	-
09 Renovation & remodeling Draper Hall		-	212 950 21 A	212 950 21	191 370 36	21 579 85 R	275 000 00	253 420 15
	10 Power plant improvements	-	120 000 00 A	120 000 00	-	120 000 00 R	120 000 00	-
11 Public health building		-						
	8255-13 Improvements to utilities	-	250 000 00 A	250 000 00	-	250 000 00 R	250 000 00	-
		-	395 000 00 A	395 000 00	2 403 05	392 596 95 R	395 000 00	2 403 05



## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNEXPENDED BALANCES AS OF JUNE 30, 1955

				CURRENT FISCAL YEAR			CUMULATIVE TOTALS			
				Appropriation	Other Credits	Total Credits	Expenditures	Unexpended Balance	Total Authorization	Total Payments
DEPARTMENT OF EDUCATION										
8255-14	Classroom building			\$ -	\$ 1 000 000 00 A	\$ 1 000 000 00	\$ 50 330 14	\$ 949 669 86 R	\$ 1 000 000 00	\$ 50 330 14
15	Fire protection improvements			-	72 000 00 A	72 000 00	-	72 000 00 R	72 000 00	-
16	Addition to chemistry laboratory			-	1 747 000 00 A	1 747 000 00	-	1 746 510 50 R	1 747 000 00	489 50
17	Women's physical education building			-	1 621 000 00 A	1 621 000 00	25 312 20	1 595 687 80 R	1 621 000 00	25 312 20
Youth Service Board										
8254-13	Plans and specs. Security Bldg. Unit			-	25 000 00 A	25 000 00	-	25 000 00 R	25 000 00	-
8255-18	Fire protection buildings			-	85 000 00 A	85 000 00	-	85 000 00 R	85 000 00	-
Industrial School for Boys										
7918-53	Water supply improvements			-	32 48 A	-	-	-	46 967 52	46 967 52
					-32 48 K	-	-	-		
8254-14	Power plant improvements			-	55 000 00 A	55 000 00	8 994 81	46 005 19 R	55 000 00	8 994 81
8255-19	Power plant improvements			-	73 000 00 A	73 000 00	67 562 18	5 437 82 R	73 000 00	67 562 18
20	Intercommunication system			-	15 000 00 A	15 000 00	150 00	14 850 00 R	15 000 00	150 00
Industrial School for Girls										
7704-10	Fire protection improvements			-	1 181 25 A	1 181 25	776 79	404 46 R	91 200 00	90 795 54
7918-54	Fire protection improvements			-	1 258 64 A	1 258 64	1 071 86	186 78 R	31 000 00	30 813 22
Lyman School for Boys										
7704-09	Dining commons			-	371 284 78 A	371 284 78	209 633 42	161 651 36 R	447 000 00	285 348 64
7804-05	Power plant & electrical improvements			-	2 058 16 A	2 058 16	1 980 00	78 16 R	137 980 00	137 901 84
8254-15	School building			-	152 076 20 A	152 076 20	30 960 87	121 115 33 R	156 000 00	34 884 67
Detention Home										
7704-08	Reception Building, Boston			-	533 235 25 A	533 235 25	506 197 95	27 037 30 R	575 000 00	547 962 70
8254-12	Reception Building, Boston			-	325 000 00 A	393 000 00	156 902 56	236 097 44 R	393 000 00	156 902 56
					68 000 00 P					
DEPARTMENT OF MENTAL HEALTH										
Administration										
8117-01	Equipment & furnishings institutions			-	8 93 A	8 93	-	8 93 R	750 000 00	749 991 07
02	Fireproofing - institutions			-	3 443 93 A	3 443 93	-	3 443 93 R	140 100 00	136 656 07
03	Plumbing improvements institutions			-	3 114 99 A	3 114 99	-	3 114 99 R	152 750 00	149 635 01
04	Kitchen & refrigeration equip. improv. instit.			-	352 39 A	352 39	-	352 39 R	15 500 00	15 147 61
05	Power plant improvements institutions			-	5 540 45 A	5 540 45	-	5 540 45 R	328 000 00	322 459 55
06	Water supply system improv. institutions			-	1 259 09 A	1 259 09	-	1 259 09 R	92 494 60	91 235 51
07	Sewage disposal systems institutions			-	600 22 A	600 22	-	600 22 R	112 250 00	111 649 78
08	Building alterations & improv. institutions			-	3 047 80 A	3 047 80	-	3 047 80 R	96 300 00	93 252 20
8255-21	Fire-protection improvements			-	590 000 00 A	590 000 00	-	590 000 00 R	590 000 00	-
61	Renovation & repair Cushing Hospital			-	1 650 000 00 A	1 650 000 00	11 606 28	1 638 393 72 R	1 650 000 00	11 606 28
Boston Psychopathic Hospital										
7617-01	Land for Nurses' Home			-	2 500 00 A	2 500 00	-	2 500 00 R	2 500 00	-
02	Hospital building addition			-	883 873 63 A	883 873 63	587 712 46	296 161 17 R	900 000 00	603 838 83
7717-01	Plans - Hospital Building			-	7 274 51 A	7 274 51	2 732 50	4 542 01 R	50 000 00	45 457 99
02	Airconditioning operating room & kitchen			-	2 308 65 A	2 308 65	22 00	2 286 65 R	8 000 00	5 713 35
03	Improv. occupational therapy facilities			-	4 029 12 A	4 029 12	4 000 90	28 22 R	35 000 00	34 971 78
7817-02	Plumbing improvements			-	6 196 87 A	6 193 27	6 133 40	59 87 R	99 565 66	99 505 79
7918-21	Refrigeration improvements			-	-3 60 K	-	75 68	-	22 481 21	22 481 21
					5 094 47 A	75 68				
8254-16	Power plant improvements			-	-5 018 79 N	-	4 666 01	60 333 99 R	65 000 00	4 666 01
17	Nurses' Home			-	65 000 00 A	65 000 00	7 400 00	351 571 50 R	360 000 00	8 428 50
35	Hospital Building Addition			-	358 971 50 A	358 971 50	-	100 000 00 R	100 000 00	-
					100 000 00 A	100 000 00	-			





CASH - PRINCIPAL				
FUNDS	Balance July 1, 1954	Receipts	Payments	Balance June 30, 1955
Education:				
Mass. School of Art:				
Mercy A. Bailey	48 93	-	-	48 93
Robert Charles Billings	-	-	-	-
Annie E. Blake Scholarship	-	-	-	-
Annie L. Cox Scholarship	-	-	-	-
Marguerite Guilfoyle	18 66	-	-	18 66
Rebecca R. Joslin	84 40	51 50 c	-	135 90
Albert H. Munsell	17 61	-	-	17 61
State Teachers' Colleges:				
Bridgewater:				
Beulah R. Brown	5 000 00	-	-	5 000 00
Elizabeth Case Stevens	-	-	-	-
Estelle L. Whitney	01	-	01 d	-
Framingham:				
Robert Charles Billings	-	700 00 a	700 00 b	-
Helen M. Joyce Student Aid	328 50	69 00 c	-	397 50
Marian Louise Miller	-	-	-	-
Students Aid	-	-	-	-
Angeline May Weaver	-	-	-	-
Salem:				
Susan Marvin Barker Scholarship	3 54	-	-	3 54
Ella Franklin Carr Memorial	-	-	-	-
Amanda Parsons	6 00	-	-	6 00
Louise O. Twombly Scholarship	-	-	-	-
Worcester:				
Ella M. Whitney Scholarship	-	-	-	-
Education:				
Lowell Technological Institute:				
Research Foundation	\$ 14 695 10	\$ 196 160 94 e	\$ 197 033 77 d	\$ 13 822 27
Other Educational:				
Mary A. Case	-	-	-	-
Gustavus A. Hinckley Free Scholarship	-	4 000 00 a	4 000 00 b	-
Elizabeth R. Stevens	-	-	-	-
Frank S. Stevens School	-	2 000 00 a	2 000 00 b	-
Todd Teachers College	-	2 900 00 a	2 900 00 b	-
Income Todd Teachers College	-	-	-	-
Vocational Rehabilitation	1 169 51	401 00 e	885 00 d	685 51
Division of the Blind:				
Educational Purposes	354 00	409 60 e	-	763 60
Jean M. LeBrun	-	-	-	-
Michael F. McCarthy	8 695 15	1 000 00 e	-	9 695 15
Free Public Library Commission:				
Elizabeth P. Sohler	457 05	160 00 c	174 81 d	442 24
Mass. School	1 080 00	439 670 00 a	439 770 00 b	980 00
Marshall Field Library	591 71	-	591 65 d	06
Millicent Library	-	100 000 00 a	100 000 00 b	-
Technical Education - U. S. Endowment	-	-	-	-
Technical Education - Comm. Endowment	-	42 000 00 a	42 000 00 b	-
School Lunch Distribution and Salvage	54 874 43	141 495 01 e	123 307 59 d	73 061 85
Division of Youth Service:				
Industrial School for Girls:				
Fay	-	-	-	-
Lamb	-	-	-	-
Rogers Book	-	-	-	-
School Lunch Program	367 70	885 72 e	611 23 d	642 19
Industrial School for Boys:				
School Lunch Program	1 937 31	1 500 72 e	1 233 09 d	2 204 94
Lyman School for Boys:				
Lamb	-	-	-	-
Income, Lamb	-	-	-	-
Lyman	549 34	15 000 00 a	15 000 00 b	2 373 37
		1 825 80 c	1 77 d	
Lyman Trust	-	-	-	-
School Lunch Program	1 654 05	3 126 80 e	2 713 29 d	2 067 56
Detention Home:				
School Lunch Program	153 73	221 36 e	173 44 d	201 65
Female Wards	195 52	-	150 33 f	45 19
Male Wards	93 92	11 51 e	-	105 43
Sub-total, Education Trust	92 376 17	953 588 96	933 245 98	112 719 15

## TRUST FUNDS INCOME

SECURITIES - PRINCIPAL				CASH - INCOME				TOTAL FUND
Balance July 1, 1954	Purchased or Deposited	Matured or Withdrawn	Balance June 30, 1955	Balance July 1, 1954	Receipts (Interest on Investments)	Payments (to Objects of Trust)	Balance June 30, 1955	Balance June 30, 1955
1 550 00	-	-	1 550 00	26 59	38 76	-	65 35	1 664 28
1 500 00	-	-	1 500 00	60 15	37 50	-	97 65	1 597 65
10 000 00	-	-	10 000 00	272 70	275 00	275 00	272 70	10 272 70
2 500 00	-	-	2 500 00	93 75	62 50	50 00	106 25	2 606 25
1 000 00	-	-	1 000 00	38 20	25 00	-	63 20	1 081 86
3 036 00	-	-	3 036 00	797 79	111 32	100 00	809 11	3 981 01
9 200 00	-	-	9 200 00	412 03	222 50	300 00	334 53	9 552 14
-	-	-	-	-	-	-	-	5 000 00
15 000 00	-	-	15 000 00	38 41	387 50	278 97	146 94	15 146 94
-	-	-	-	-	-	-	-	-
1 500 00	700 00	700 00	1 500 00	448 08	38 64	-	486 72	1 986 72
2 500 00	-	-	2 500 00	-	-	-	-	2 897 50
200 00	-	-	200 00	90 70	5 50	-	96 20	296 20
500 00	-	-	500 00	190 11	13 76	-	203 87	703 87
200 00	-	-	200 00	92 13	5 50	-	97 63	297 63
4 050 00	-	-	4 050 00	51 43	110 00	75 00	86 43	4 139 97
1 000 00	-	-	1 000 00	25 51	27 50	25 00	28 01	1 028 01
144 00	-	-	144 00	-	-	-	-	150 00
100 00	-	-	100 00	12 60	2 76	-	15 36	115 36
500 00	-	-	500 00	11 51	13 76	15 00	10 27	510 27
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13 822 27
30 000 00	-	-	30 000 00	170 00	750 00	750 00	170 00	30 170 00
5 000 00	4 000 00	4 000 00	5 000 00	1 482 59	125 00	575 93	1 031 66	6 031 66
24 873 15	-	-	24 873 15	25 75	626 50	652 25	-	24 873 15
25 000 00	2 000 00	2 000 00	25 000 00	-	1 030 10	1 030 10	-	25 000 00
12 100 00	2 900 00	2 900 00	12 100 00	-	-	-	-	12 100 00
6 000 00	-	-	6 000 00	1 028 09	466 06	749 58	744 57	6 744 57
-	-	-	-	-	-	-	-	685 51
2 000 00	-	-	2 000 00	137 19	50 00	30 00	157 19	763 60
-	-	-	-	-	-	-	-	2 157 19
-	-	-	-	-	-	-	-	9 695 15
4 000 00	-	-	4 000 00	-	-	-	-	4 442 24
4 998 920 00	439 770 00	439 670 00	4 999 020 00	-	-	-	-	5 000 000 00
-	-	-	-	-	-	-	-	06
100 000 00	100 000 00	100 000 00	100 000 00	-	5 500 00	3 321 82	2 178 18	102 178 18
219 000 00	-	-	219 000 00	-	-	-	-	219 000 00
142 000 00	42 000 00	42 000 00	142 000 00	-	-	-	-	142 000 00
-	-	-	-	-	-	-	-	73 061 85
1 000 00	-	-	1 000 00	591 18	31 52	-	622 70	1 622 70
1 000 00	-	-	1 000 00	411 96	40 00	-	451 96	1 451 96
1 000 00	-	-	1 000 00	49 75	25 00	44 26	30 49	1 030 49
-	-	-	-	-	-	-	-	642 19
-	-	-	-	-	-	-	-	2 204 94
1 000 00	-	-	1 000 00	-	-	-	-	1 000 00
100 00	-	-	100 00	323 56	48 75	-	372 31	472 31
64 526 00	15 000 00	15 000 00	64 526 00	-	-	-	-	66 899 37
20 000 00	-	-	20 000 00	1 903 42	1 382 50	1 089 96	2 195 96	22 195 96
-	-	-	-	-	-	-	-	2 067 56
-	-	-	-	-	-	-	-	201 65
12 820 33	115 77	-	12 936 10	1 245 49	601 32	1 082 00	764 81	13 746 10
11 682 77	-	-	11 682 77	370 31	350 46	405 00	315 77	12 103 97
5 736 502 25	606 485 77	606 270 00	5 736 718 02	10 400 98	12 404 71	10 849 87	11 955 82	5 861 392 99



## GENERAL FUND

## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1955

	Appropriation	Other Credits	Total Credits	Expenditures	Unencumbered Balance
Department of Education					
13-01 Children of employed mothers	12 500 00	-	12 500 00	12 500 00	-
02 Sight saving classes	20 000 00	-	20 000 00	17 500 00	2 500 00 R
03 School superintendents - small towns	185 000 00	3 010 01 A	188 010 01	183 463 23	4 546 78 R
04 Transportation of pupils	2 921 507 00	06 A	2 921 507 06	2 921 507 06	-
05 Vocational education	3 932 109 00	14 595 10 A	3 946 704 10	3 924 737 49	21 966 61 R
06 Adult English speaking classes	97 600 00	783 53 A	98 383 53	96 640 25	1 743 28 R
07 Outside schools transportation	79 489 00	-	79 489 00	79 489 00	-
08 Construction of school projects	3 000 000 00	2 225 945 10 A	5 225 945 10	5 225 945 10	-
09 School lunch program - part. assist.	1 403 000 00	-	1 403 000 00	1 211 809 56	191 190 44 R
10 Education - blind & deaf pupils	35 000 00	-	35 000 00	-	35 000 00 R
11 Pensions - retired teachers	1 333 800 00	16 200 12 A	1 350 000 12	1 350 000 12	-
12 Youth Serv. Bd. - tuition, public schools	16 548 00	84 69 A	16 632 69	16 631 86	83 R

110

## STATEMENT XXIV

## VETERANS' SERVICES FUND

Code 3500

## RECEIPTS

Department of Education:				
Federal reimbursement			58 341 21	
Fees:				
Bridgewater State Teachers' College	\$	622 69		
Lowell Technological Institute		79 55	702 24	
Miscellaneous			8 00	59 051 45
Interest and income				51 078 45

## VETERANS' SERVICES FUND

## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1955

	Appropriation	Other Credits	Total Credits	Expenditures	Unencumbered Balance
Department of Education					
16-01 Higher education, children of World War veterans	90 000 00	11 226 12 A	101 226 12	64 078 45	37 147 67 R
22 Regional educational services	116 955 00	-	116 955 00	90 906 91	26 048 09

134

## STATEMENT XXX

## FEDERAL GRANTS

## STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1955

	July 1, 1954 Balance	Receipts	Total Credits	Total Charges	Unexpended Balance
Department of Education					
Aid to the Blind					
56-00 Administration	4 604 56	44 035 43	48 639 99	47 574 20	1 065 79
57-00 Grants in aid	72 374 77	655 780 78	728 155 55	707 547 78	20 607 77
58-00 Vocational rehabilitation	1 239 60	67 544 00	68 783 60	49 173 97	19 609 63
Miscellaneous					
50-00 School milk experimental prog.	-	29 070 00	29 070 00	2 334 94	26 735 06
59-00 White House conference on educ.	-	19 759 00	19 759 00	1 10	19 757 90
60-00 Special milk program	-	818 506 00	818 506 00	626 405 38	192 100 62
61-00 Smith-Hughes & Geo. Barden acc't	271 752 36	578 702 12	850 454 48	549 052 55	301 401 93
62-00 Community school lunch program	229 778 48	1 569 122 00	1 798 900 48	1 548 030 91	250 869 57
63-00 Vocational rehabilitation	19 392 26	252 403 00	271 856 76	251 493 50	20 363 26
64-00 School facilities survey	24 504 43	61 50 *	24 504 43	11 830 19	12 674 24
University of Massachusetts					
65-00 Agricultural extension work	-	279 287 47	279 287 47	279 287 47	-
67-00 Agricultural marketing research, extension service	-	27 498 29	27 498 29	27 498 29	-



# STATISTICS OF STATE TEACHERS COLLEGES AND THE MASSACHUSETTS SCHOOL OF ART

Teachers and students in teachers colleges and in model and practice schools for  
the school year ending June 30, 1955

Name of Teachers College	State Teachers Colleges										Model and Practice			
	Enrollment of Students :					August, 1954 :					Schools			
	Teachers :	Men:	Women:	New	Regular Session:	Men:	Women:	Total:	Summer Session:	June, 1955 :	Teachers :	Teachers :	Pupils	Pupils
				admissions:					Degree Courses:					
				in					B.S. :					
				September,					Ed. :					
				1954					F.A. :					
									of school:					
									1954					
Boston	22	24		400	194	603	797	197	145	109	4	14	544	
Bridgewater	20	21		297	156	526	682	418*	146	106	-	14	395	
Fitchburg	22	9		185	228	253	481	177	102	55	7	19	599	
Framingham	9	30		212	-	581	581	-	88	-	-	16	500	
Lowell	19	10		147	72	363	435	-	104	-	2	14	332	
North Adams	8	6		67	78	76	154	99	25	13	2	7	250	
Salem	23	16		221	225	411	636	-	102	-	3	8	317	
Westfield	8	8		116	91	175	266	-	47	-	2	11	401	
Worcester	18	13		182	191	281	472	271	91	56	-	10	125	
Mass. School of Art	19	11		132	143	274	417	-	28	61	-	-	-	
	168	148		1959	1378	3543	4921	1162	878	61	20	113	-	

\* (Included 177 for Hyannis)





## II. STATISTICS OF SUPERINTENDENCY UNIONS, YEAR ENDING JUNE 30, 1955

(Note - The number indicates the superintendency union in which the town is found in the table that follows)

### Index of Towns

28 Amherst	25 Charlton	18 Gill
- Ashburnham	16 Chatham	27 Goshen
23 Ashby	35 Cheshire	40 Gosnold
27 Ashfield	4 Chester	8 Grafton
30 Avon	56 Chesterfield	17 Granby
45 Ayer	19 Chilmarnock	42 Granville
2 Barre	47 Clarksburg	20 Groveland
4 Becket	9 Colrain	34 Halifax
- Belchertown	41 Conway	- Hampden
15 Bellingham	27 Cunningham	35 Hancock
40 Berkley	41 Deerfield	13 Hanover
3 Berlin	11 Dennis	13 Hanson
18 Bernardston	40 Dighton	2 Hardwick
48 Blackstone	57 Douglas	52 Harvard
29 Blandford	55 Dover	16 Harwich
52 Bolton	43 Dudley	22 Hawley
10 Bourne	51 Dunstable	22 Heath
45 Boxborough	7 East Brookfield	33 Hinsdale
20 Boxford	16 Eastham	30 Holbrook
54 Boylston	19 Edgartown	26 Holden
11 Brewster	31 Erving	25 Holland
5 Brimfield	53 Essex	1 Hubbardston
7 Brookfield	21 Fairhaven	29 Huntington
9 Buckland	47 Florida	34 Kingston
52 Carlisle	40 Freetown	37 Lakeville
37 Carver	19 Gay Head	35 Lanesborough
22 Charlemont	20 Georgetown	32 Lee



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31 Leverett	27 Plainfield	23 Townsend
18 Leyden	46 Plainville	14 Truro
52 Littleton	34 Plympton	51 Tyngsborough
53 Manchester	6 Princeton	32 Tyringham
10 Mashpee	14 Provincetown	8 Upton
21 Mattapoisett	50 Raynham	5 Wales
15 Mendon	39 Richmond	12 Warren
44 Merrimac	37 Rochester	18 Warwick
4 Middlefield	22 Rowe	33 Washington
49 Middleton	20 Rowley	24 Wayland
38 Millis	1 Royalston	43 Webster
48 Millville	29 Russell	14 Wellfleet
47 Monroe	26 Rutland	31 Wendell
5 Monson	44 Salisbury	36 Wenham
29 Montgomery	42 Sandisfield	54 West Boylston
35 New Ashford	10 Sandwich	50 West Bridgewater
12 New Braintree	47 Savoy	12 West Brookfield
44 Newbury	9 Shelburne	56 Westhampton
31 New Salem	55 Sherborn	- Westminster
38 Norfolk	45 Shirley	44 West Newbury
3 Northborough	31 Shutesbury	39 West Stockbridge
7 North Brookfield	56 Southampton	19 West Tisbury
18 Northfield	3 Southborough	41 Whately
46 Norton	17 South Hadley	56 Williamsburg
13 Norwell	42 Southwick	33 Windsor
19 Oak Bluffs	6 Sterling	56 Worthington
26 Oakham	52 Stow	11 Yarmouth
16 Orleans	25 Sturbridge	
32 Otis	24 Sudbury	
26 Paxton	41 Sunderland	
28 Pelham	57 Sutton	
34 Pembroke	1 Templeton	
51 Pepperell	49 Tewksbury	
33 Peru	19 Tisbury	
2 Petersham	42 Tolland	
1 Phillipston	36 Topsfield	



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# II. Statistics of Superintendency Unions, Year ending June 30, 1955

Ranking	Union	Date of entering union	State valuation Chapter 559 July 9, 1945	Number of principals and full time teachers Jan. 1, 1955	Number of school buildings Jan. 1, 1955	Each town's share of Superintendents		State aid for 1954-1955 on account of employment of school superintendent
						Full Salary	Traveling Expense	
1.	Hubbardston Phillipston Royalston Templeton	1889	\$896,634	6	1	\$896.00	\$96.00	\$597.33
		1889	415,965	5	2	448.00	48.00	298.67
		1889	843,047	6	3	896.00	96.00	597.33
		1889	3,546,386	39	5	3,360.00	360.00	2,240.00
2.	Barre Hardwick Petersham	1890	3,478,189	32	4	2,860.00	398.12	1,513.36
		1890	1,897,123	17	4	2,860.00	326.25	1,479.98
		1890	1,594,532	11	1	1,430.00	163.13	739.99
		1890	1,369,021	9	1	1,400.00	159.98	746.66
3.	Berlin Northborough Southborough	1890	2,429,536	34	3	3,150.00	360.03	1,680.01
		1890	3,813,012	24	4	2,450.00	279.99	1,306.66
		1890	987,076	6	1	2,100.00	298.81	1,116.53
		1890	1,471,145	14	2	3,850.00	572.68	2,058.54
4.	Becket Chester Middlefield	1890	367,936	3	2	1,050.00	149.41	558.26
		1890	1,178,567	7	2	1,575.00	200.00	933.33
		1890	3,882,339	31	4	3,780.00	480.00	2,240.00
		1893	419,594	3	1	945.00	120.00	560.00
5.	Brimfield Monson Wales	1890	1,386,550	9	1	2,200.00	480.00	1,323.46
		1890	2,439,789	15	2	4,400.00	480.00	2,409.87
		1890						
		1890						
6.	Princeton Sterling	1890						
		1890						
		1890						
		1890						



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7.	Brookfield E. Brookfield N. Brookfield	1891 1921 1891	1,538,216 1,178,567 2,936,362	7 7 18	1 1 2	1,600.00 1,408.00 3,392.00	175.00 154.00 371.00	933.33 821.33 1,978.67
8.	Grafton Upton	1891 1891	4,991,579 1,666,378	56 16	7 2	5,062.48 1,687.50	432.20 246.68	- 972.01
9.	Buckland Colrain Shelburne	1892 1892 1892	3,196,995 1,754,249 3,716,047	9 9 21	1 1 5	1,924.88 1,925.10 1,925.10	242.97 242.97 268.87	1,239.42 1,239.55 1,254.36
10.	Bourne Hathpee Sandwich	1892 1892 1892	10,944,806 1,044,419 3,189,064	40 4 14	4 1 1	5,594.55 1,291.05 1,721.40	390.00 90.00 120.00	- 560.00 746.67
11.	Brewster Dennis Yarmouth	1903 1892 1892	2,357,135 4,922,252 7,163,768	8 19 38	1 1 2	1,095.00 2,190.00 4,015.00	118.00 515.00 657.02	527.18 - -
12.	New Braintree Warren West Brookfield	1898 1893 1898	693,275 3,327,719 1,602,158	2 23 12	1 2 1	793.00 3,843.00 1,464.00	65.00 315.00 120.00	476.66 2,310.00 880.00
13.	Hanover Hanson Norwell	1894 1894 1894	5,358,206 3,050,409 2,639,902	32 25 33	3 3 2	2,300.00 2,300.00 2,300.00	165.63 255.10 268.07	- 1,256.99 1,263.37
14.	Provincetown Truro Wellfleet	1894 1902 1894	7,343,047 1,802,515 2,357,135	29 5 11	4 1 1	1,933.28 966.72 966.56	258.27 129.12 129.15	- 730.56 730.47
15.	Bellingham Mendon	1894 1894	3,050,409 1,632,181	30 11	4 1	4,020.00 2,679.98	360.00 240.00	2,240.00 1,493.33
16.	Chatham Eastham Harwich Orleans	1903 1894 1894 1894	7,944,594 1,594,532 8,612,513 4,997,518	24 5 31 22	1 1 2 2	2,250.00 750.00 3,000.00 1,500.00	325.00 325.00 325.00 325.00	- 456.06 - -



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17.	Granby South Hadley	1895 1895	1,109,240 10,540,021	15 76	1 6	1,215.00 5,685.00	206.60 257.40	703.21 -
18.	Barnardston Gill Leyden Northfield Warwick	1917 1895 1901 1895 1895	1,103,808 1,086,099 342,936 2,119,591 421,523	12 6 2 16 3	2 3 1 2 2	1,643.67 1,314.96 657.42 2,301.21 657.42	180.00 180.00 225.00 135.00 180.00	910.85 746.68 440.74 1,216.80 418.26
19.	Chilmark Edgartown Gay Head Oak Bluffs Tisbury West Tisbury	1897 1895 1902 1895 1895 1895	843,047 5,378,180 210,762 5,270,307 6,325,956 831,930	2 16 1 14 23 1	1 1 1 2 1 1	350.00 1,750.00 350.00 1,750.00 2,100.00 700.00	48.51 190.94 48.51 190.94 236.99 97.12	190.42 - 190.42 - - 380.89
20.	Boxford Georgetown Groveland Rowley	1930 1895 1895 1895	1,317,222 2,149,152 1,714,765 1,802,515	8 23 16 11	3 3 5 2	1,056.00 2,208.00 1,824.00 1,312.00	140.25 293.25 242.25 174.25	616.00 1,288.00 1,064.00 765.33
21.	Fairhaven Mattapoisett	1897 1897	12,445,006 4,115,233	88 19	7 1	5,820.00 1,455.00	200.00 50.00	- 700.00
22.	Charlemont Hawley Heath Rowe	1897 1897 1902 1897	1,006,563 274,349 471,523 762,602	4 - 3 1	1 - 1 1	3,025.00 825.00 1,100.00 550.00	330.00 90.00 120.00 60.00	2,053.33 560.00 746.67 373.33
23.	Ashby Townsend	1897 1897	1,386,550 2,703,772	14 29	2 1	2,083.32 4,168.38	250.62 501.36	1,244.11 2,489.22
24.	Sudbury Wayland	1898 1898	4,203,275 6,332,763	33 64	4 4	4,360.00 6,540.00	400.00 600.00	1,493.33 -
25.	Charlton Holland Sturbridge	1902 1902 1898	2,297,156 277,310 2,593,217	25 3 12	2 1 3	3,792.58 800.00 3,450.00	431.92 82.59 330.37	1,774.57 370.75 1,588.01

✓ In Hawlemont Elementary Regional School District - no town school maintained.





26.	Holden Oakham Paxton Rutland	1900 1900 1900 1900	4,382,143 525,110 1,285,983 1,663,860	53 3 8 14	4 1 1 2	4,379.52 310.20 443.20 1,126.12	360.00 45.00 60.00 135.00	2,579.69 193.33 273.89 686.42
27.	Ashfield Cumington Goshen Plainfield	1900 1900 1900 1900	1,525,205 623,947 446,523 367,936	11 5 3 2	1 1 1 1	2,600.00 1,300.00 1,300.00 1,300.00	280.00 140.00 140.00 140.00	1,493.33 746.67 746.67 746.66
28.	Amherst Pelham	1901 1901	11,633,775 740,046	73 4	9 2	8,190.00 910.00	317.74 23.30	- 352.00
29.	Blandford Huntington Montgomery Russell	1901 1901 1901 1901	950,221 1,180,256 317,936 4,474,928	5 12 - 9	1 2 - 2	1,300.00 2,600.00 325.00 2,275.00	214.20 432.68 53.54 374.82	746.25 1,494.60 186.56 1,305.92
30.	Avon Holbrook	1901 1901	2,118,339 3,792,488	19 39	5 7	2,400.00 3,600.00	297.40 301.90	1,525.77 2,207.09
31.	Erving Leverett New Salem Shutesbury Wendell	1901 1901 1902 1901 1901	2,512,889 541,100 367,936 421,523 353,673	9 5 7 2 2	2 1 5 1 1	1,710.00 1,140.00 1,710.00 570.00 570.00	240.00 160.00 240.00 80.00 80.00	1,120.00 746.67 1,120.00 373.33 373.33
32.	Lee Otis Tyringham	1901 1901 1901	5,734,825 765,104 531,662	33 3 1	3 1 1	4,183.52 1,478.56 717.92	200.00 200.00 200.00	- 897.80 490.96
33.	Hinsdale Peru Washington Windsor	1901 1901 1912 1901	1,047,374 317,936 235,762 528,698	9 1 2 3	1 1 1 1	2,644.79 990.00 1,254.05 1,650.00	301.02 175.00 189.92 235.96	1,478.04 584.53 724.50 946.26

1/ Exempt from maintaining school.



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34.	Halifax Kingston Penbroke Plympton	1901 1901 1901 1901	1,663,860 5,121,176 3,466,374 893,047	7 28 30 6	1 3 3 1	1,245.40 2,757.74 2,312.93 800.60	140.00 310.00 260.00 90.00	653.32 - 1,213.34 419.99
35.	Cheshire Hancock Lanesborough New Ashford	1912 1902 1902 1902	1,418,354 538,698 1,607,506 138,655	10 4 13 1	1 3 1 1	2,950.00 1,180.00 2,950.00 295.00	300.00 120.00 300.00 30.00	1,493.33 597.33 1,493.33 149.34
36.	Topsfield Wenham	1912 1902	3,189,064 4,475,995	23 15	1 2	3,350.00 3,350.00	150.00 150.00	1,766.67 1,766.66
37.	Garver Lakeville Rochester	1902 1902 1902	3,119,737 1,793,268 1,686,093	12 13 9	1 3 1	2,298.32 2,600.82 1,667.50	233.34 233.33 233.33	1,300.67 1,456.08 976.58
38.	Millis Norfolk	1902 1902	3,466,374 1,687,042	29 14	2 1	3,199.92 3,200.00	300.00 300.00	1,866.64 1,866.69
39.	Richmond W. Stockbridge	1902 1902	843,047 1,579,183	4 5	1 1	2,700.00 3,300.00	200.00 200.00	1,631.25 1,968.75
40.	Berkley Dighton Freetown Gosnold	1902 1902 1924 1936	1,062,998 3,813,012 1,733,187 1,371,744	7 34 14 1	1 2 1 1	512.51 3,331.24 1,024.99 256.24	70.00 530.88 140.00 35.00	368.54 2,443.47 737.06 184.26
41.	Conway Deerfield Sunderland Whately	1903 1903 1903 1903	1,060,526 4,644,942 1,571,744 1,455,877	5 28 8 6	1 3 1 2	1,250.00 2,500.00 1,250.00 1,250.00	120.00 240.00 120.00 120.00	746.67 - 746.67 746.66
42.	Granville Sandisfield Southwick Tolland	1903 1903 1903 1903	2,224,766 762,602 2,565,117 475,110	5 2 29 1	2 1 2 1	1,950.00 975.00 2,925.00 650.00	216.00 108.00 324.00 72.00	1,120.00 560.00 1,680.00 373.33





43.	Dudley Webster	1903 1903	4,093,701 12,576,893	24 49	4 4	2,983.33 5,966.67	124.92 405.55	1,208.81 -
44.	Merrimac Newbury Salisbury West Newbury	1912 1905 1905 1905	2,173,238 2,565,117 3,395,562 1,582,506	25 12 22 10	2 2 3 1	1,900.00 1,900.00 1,900.00 1,900.00	150.00 150.00 150.00 150.00	933.33 933.33 933.33 933.34
45.	Ayer Boxborough Shirley	1909 1921 1909	4,243,255 415,965 2,556,218	43 3 11	4 1 2	4,200.00 700.00 2,100.00	327.62 54.59 163.81	2,218.41 369.73 1,109.20
46.	Norton Plainville	1911 1911	2,703,772 1,941,170	39 18	2 2	4,248.00 2,832.00	401.88 267.91	2,240.00 1,493.33
47.	Clarksburg Florida Monroe Savoy	1912 1912 1912 1912	996,753 1,582,506 1,109,240 260,762	8 6 8 3	2 2 1 3	1,994.98 1,994.98 1,329.98 1,329.98	240.00 240.00 160.00 160.00	1,120.00 1,120.00 746.66 746.67
48.	Blackstone Millville	1913 1917	2,773,100 1,056,221	20 8	4 1	3,550.00 2,358.30	342.78 160.00	2,227.51 1,441.01
49.	Middleton Tewksbury	1916 1930	2,433,023 4,991,579	17 62	1 5	1,087.41 5,316.52	313.82 424.61	732.43 -
50.	Raynham W. Bridgewater	1920 1920	2,149,152 4,004,472	13 44	3 4	2,166.67 4,333.33	199.92 400.08	1,244.40 2,488.93
51.	Dunstable Pepperell Tyngsborough	1911 1909 1924	485,292 3,327,719 1,582,506	4 28 14	1 3 1	795.00 3,180.00 1,325.00	90.00 360.00 150.00	560.00 2,240.00 933.33
52.	Bolton Carlisle Harvard Littletton Stow	1926 1926 1926 1926 1926	1,247,895 1,268,157 2,639,902 3,267,821 1,525,205	8 6 16 26 16	1 2 3 1 2	700.00 700.00 1,750.00 2,100.00 1,750.00	100.00 100.00 250.00 300.00 250.00	373.33 373.34 933.33 1,120.00 933.33



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53.	Essex Manchester	1929 1929	1,802,515 10,560,807	10 29	1 2	2,560.00 3,840.00	231.82 356.01	1,488.32 -
54.	Boylston W. Boylston	1921 1921	1,078,808 3,050,409	10 32	4 4	1,875.00 5,625.00	211.25 633.75	933.33 2,800.00
55.	Dover Sherborn	1950 1950	6,325,116 3,466,374	21 9	1 2	4,388.10 2,081.07	175.65 117.74	- 1,147.41
56.	Chesterfield Southampton Westhampton Williamsburg Worthington	1902 1953 <sup>L</sup> / 1953 <sup>L</sup> / 1902 1902	683,203 1,274,519 415,965 1,605,991 843,047	3 9 3 20 4	1 1 1 2 1	900.00 1,800.00 900.00 2,700.00 900.00	59.34 118.69 59.34 177.99 59.34	456.23 912.46 456.23 1,368.66 456.22
57.	Douglas Sutton	1953 1953	2,506,496 2,315,889	20 28	3 4	3,323.07 3,323.02	399.96 399.96	1,866.68 1,866.65
	Ashburnham	Chapter 71, Sec. 59A	1,983,466	17	3	4,900.00	-	3,266.67
	Belchertown	Chapter 71, Sec. 59A	1,955,792	28	4	6,000.00	-	3,333.33
	Hampden	Chapter 71, Sec. 59A	1,057,396	8	1	5,483.28	-	3,333.33
	Westminster	Chapter 71, Sec. 59A	2,111,204	23	2	1,083.33	-	722.22
			TOTAL	-	-	\$401,477.67	\$40,023.01	\$177,416.58

<sup>L</sup> In union with Bathampton, 1889 - joined this union in 1953.



THE UNIVERSITY OF CHICAGO PRESS

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### III. COUNTY TRAINING SCHOOLS

The following table gives a list of the county training schools in the State for the commitment of habitual truants, absentees, and school offenders:

<u>County Training Schools</u>	<u>Location</u>	<u>Superintendent</u>
Essex	Lawrence	George Baker
Hampden	Agawam	Thomas F. Reidy
Middlesex (1)	No. Chelmsford	J. Earl Wotton
Worcester	Oakdale	Edgar Fournier, Acting

The counties of Barnstable, Berkshire, Bristol, Dukes, Franklin, Hampshire, Nantucket, Norfolk, and Plymouth are exempted by law from maintaining training schools of their own, but the county commissioners of each of these counties are required to assign an established training school as a place of commitment for habitual truants, absentees, and school offenders. The places designated by several commissioners are as follows: Berkshire, Franklin and Hampshire Counties, Agawam; Barnstable, Dukes, Bristol, Nantucket, Norfolk, and Plymouth Counties, North Chelmsford.

(1) Under the law, commitments from Boston, Chelsea, Revere, and Winthrop in Suffolk County must be to the training school for the county of Middlesex.



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### III. COUNTY TRAINING SCHOOLS (cont.)

Number of Pupils Attending, Admitted, and Discharged; also Teachers Employed

COUNTY TRAINING SCHOOLS	Enrolled July 1, '54	June 30, '55	Admitted during the year	Discharged during the year	Average attend- ance	Teachers Employed
Essex.....	77	77	25	25	77	5
Hampden.....	42	25	33	50	26	2
Middlesex.....	110	104	61	67	111.3	5
Worcester.....	35	-	9	18	23	2
Totals.....	264	206	128	160	237.3	14

### IV. STATISTICS OF SCHOOLS IN STATE INSTITUTIONS FOR THE YEAR ENDING JUNE 30, 1955

STATE INSTITUTIONS	Number of Pupils				Number of Teachers	
	Enrolled July 1, '54	June 30, '55	Admitted during the year	Discharged during the year		Average attend- ance
State Industrial School for Girls, Lancaster....	90	100	158	148	99.72	9
State Industrial School for Boys, Shirley.....	141	220	317	238	180.93	26
Lyman School for Boys, Westborough.....	241	291	1,544	1,494	256.99	17
Totals.....	472	611	2,019	1,880	537.64	52



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TABLE NO. 1 - Roster of State-aided Vocational  
and Part-time Schools

School Year Ending August 31, 1955

Three hundred and eighty-six (all) schools in operation during the year (or now) in one hundred and forty-seven cities and towns listed chronologically by types of schools, with date of establishment and names of Directors.

Group I 1a. Fifty-two Industrial Schools (boys)

Smith's Agricultural (Northampton), Oct., 1908; Lauri S. Ronka  
New Bedford Vocational High, Nov., 1908; William R. Mackintosh  
Newton Trade, Feb., 1909; James Forbes  
Worcester Boys' Trade High, Feb., 1910; Walter B. Dennen  
Somerville Vocational High School for Boys, Sept., 1910; Philip J. Heffernan  
Lowell Vocational, Sept., 1911; Charles P. Conlon  
Springfield Trade High, Sept., 1911; Edmond P. Garvey  
Westfield Trade, Sept., 1911; Vincent Kramer  
Boston Trade High, Feb., 1912; Edward R. McDonough  
Quincy Trade, Sept., 1912; Frank C. Webster  
Holyoke Trade High, Sept., 1914; William J. Dean  
Diman Vocational High (Fall River), May, 1916; Joseph P. Gilligan  
Independent Industrial Shoemaking School of the City of Lynn  
Aug., 1918; Stephen R. Callahan  
Chicopee Trade High, Sept., 1921; Henry J. Rege  
Weymouth Vocational, Feb., 1924; Ray Parker  
Beverly Trade, Nov., 1926; Claude H. Patten  
Haverhill Trade, Nov., 1926; Thomas F. Garvey  
Everett Vocational High, Sept., 1927; John W. Bates  
Arthur A. Hansen Trade, Waltham, Sept., 1928; James R. Westall  
Medford Vocational, Nov., 1930; Walter D. Reid  
Cole Trade High, (Southbridge), March, 1932; Raymond W. Benoit  
Brockton Vocational, March, 1934; Kenrick M. Baker  
Northbridge Vocational, March, 1934; James S. Mullaney  
Pittsfield Vocational, April, 1934; John F. Moran  
Taunton Vocational, Sept., 1934; Patrick H. Lyons  
Saxton Trade (Leominster), Sept., 1934; Emil S. Johnson  
Salem Vocational High, Sept., 1934; John M. Conway  
Attleboro Jewelry Trade, Nov., 1934; Henry Miller  
Cambridge Vocational School for Boys, Dec., 1934; John M. Tobin  
Greenfield Vocational, June, 1936; Ralph A. Lawrence  
Fitchburg Vocational High School, July, 1936; Owen E. Willard  
Shelburne Vocational, Sept., 1937; Philip M. Hallowell  
Barnstable Trade, Nov., 1938; Theodore W. Glover, Jr.  
North Adams Trade, Aug., 1940; Charles McCann  
Dighton Vocational, Sept., 1940; Charles F. Day  
Gloucester Vocational, Sept., 1940; Harold B. Geary, Sr.  
Malden Vocational High, Sept., 1941; James A. Booth  
Marlboro Vocational, Sept., 1941; Llyod F. Spaulding  
Nantucket Vocational, Sept., 1941; Richard J. Porter  
Newburyport Vocational, Sept., 1943; Preston I. Titus, Acting





Group I 1a. Fifty-two Industrial Schools (boys)  
(Continued)

Belmont Vocational High, Sept., 1943; Leslie W. Crowson  
Norwood Vocational, Sept., 1944; Clifford H. Wheeler  
Peabody Vocational High, Sept., 1944; Alfred J. Hurley  
Lynn Vocational High, Sept., 1945; Michael O'Donnell  
Arlington Vocational High, Sept., 1946; Harry J. Patterson  
Framingham Vocational High, Sept., 1946; Joseph P. Keefe  
Bartlett Vocational High (Webster), Aug., 1947; Frank E. Wylde  
Dartmouth Vocational, Sept., 1947; Charles Entwistle  
Provincetown Vocational, Sept., 1949; Augustus A. Keane  
Wareham Vocational, Sept., 1953; John J. Rolfe  
Abington Vocational, Sept., 1951; Gilbert D. Bristol, Jr.  
Swansea Vocational, Sept., 1952; Richard B. Greenman

Group I 1a<sup>1</sup>. Two Trade Preparatory Schools for  
Boys and Men

Fall River, May 13, 1952; Joseph Gilligan  
Plymouth, Oct., 19, 1935; Donald T. Welch

Group I 1b. Five Day Industrial Schools (girls)

Trade High School for Girls (Boston), Sept., 1909; Esther L. McNellis  
David Hale Fanning Trade High School for Girls (Worcester), Sept., 1911;  
Blanche M. Penn  
Springfield Trade School for Girls, Jan., 1934; Edmond P. Garvey  
Henry O. Peabody Trade School (Norwood), Sept., 1942; Blanche L. Marcionette  
Diman Vocational High (Fall River) Sept., 1948; Joseph P. Gilligan

Group I 1b<sup>1</sup>. Four Trade Preparatory Schools for  
Girls and Women

Taunton, March 3, 1949; Patrick H. Lyons  
Springfield, Oct., 3, 1951; Dennis J. Brunton  
Boston, Jan. 6, 1953; Esther L. McNellis  
Lowell, Oct., 1953; Charles P. Conlon

Group I 1c. Seven Industrial Departments

Brighton Industrial, Feb., 1929; Thomas M. Dowell  
Charlestown Industrial, Feb., 1929; Edward Flaherty  
Dorchester Industrial, Feb., 1929; Arlon O. Bacon  
East Boston Industrial, Feb., 1929; Joseph D. Mahoney  
Hyde Park Industrial, Feb., 1929; Francis J. Lee  
South Boston Industrial, Jan., 1929; Thomas A. Roche  
Memorial High Industrial (Roxbury), Sept., 1929; Albert F. Hanrahan





## Group I 2a. Eighteen Part-time Cooperative Schools

Beverly Cooperative Trade, Aug., 1909; Claude H. Patten  
Boston:

Charlestown, Sept., 1919; Edward Flaherty  
Hyde Park, Sept., 1919; Francis J. Lee  
Dorchester, Sept., 1920; Arlon O. Bacon  
Brighton, Sept., 1922; Thomas M. Dowell  
East Boston, June, 1925; Joseph D. Mahoney  
South Boston, Jan., 1929; Thomas A. Roche  
Memorial High (Roxbury), Sept., 1929; Albert F. Hanrahan  
Cole Trade (Southbridge), Sept., 1919; Raymond W. Benoit  
Arthur A. Hansen Cooperative Trade (Waltham), July, 1940; James R. Westall  
Holyoke Cooperative Trade, March, 1948; William J. Dean  
Springfield Cooperative Trade, April, 1951; Edmond P. Garvey  
Westfield Cooperative Trade, May, 1951; Vincent Kramer  
Pittsfield Cooperative Trade, Sept., 1951; John F. Moran  
Northampton Cooperative Trade, Jan., 1952; Lauri S. Ronka  
Haverhill Cooperative Trade, Oct., 1953; Thomas F. Garvey  
Arlington Cooperative Trade, Feb., 1954; Harry J. Patterson  
Newton Cooperative Trade, Mar., 1954; James Forbes

Group I 2b<sup>(1)</sup>. Thirty-four Evening Industrial Schools (men)

New Bedford, Nov., 1907; William R. Mackintosh  
Lawrence, March, 1908; Daniel F. Sullivan  
Boston Trade School, Evening Classes, Oct., 1908; Albert F. Hanrahan  
Newton, Feb., 1909; James Forbes  
Worcester Boys' Evening Trade, Feb., 1910; Walter B. Dennen  
Springfield, Feb., 1916; Dennis J. Brunton  
Beverly, Nov., 1916; Claude H. Patten  
Lynn Evening Industrial Shoemaking, Jan., 1927; Stephen R. Callahan  
Medford, Nov., 1930; Walter D. Reid  
Cole Trade Evening (Southbridge), Oct., 1936<sup>1</sup>; Raymond W. Benoit  
Northampton, April, 1944; Lauri S. Ronka  
Holyoke, April, 1945; William J. Dean  
Chicopee, June, 1945; Henry J. Rege  
Brockton, Sept., 1945<sup>1</sup>; Kenrick M. Baker  
Everett, Oct., 1945<sup>1</sup>; John W. Bates  
Framingham, Oct., 1945; John F. Peterson  
Greenfield, Oct., 1945; Ralph A. Lawrence  
Lowell, Oct., 1945<sup>1</sup>; Charles P. Conlon  
Malden, Oct., 1945; James A. Booth  
Taunton, Oct., 1945<sup>1</sup>; Patrick H. Lyons  
Quincy, Nov., 1945<sup>1</sup>; Frank C. Webster  
Waltham, Nov., 1945<sup>1</sup>; James R. Westall  
Fitchburg, Dec., 1945; Owen E. Willard  
North Adams, March, 1946<sup>1</sup>; Charles McCann  
Lynn, Oct., 1946<sup>1</sup>; Michael C. O'Donnell  
Marlboro, Oct., 1946; Lloyd F. Spaulding  
Somerville, Oct., 1946; Edward J. Bergen

<sup>1</sup>Re-established



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AMERICAN MEDICAL ASSOCIATION

Group I 2b<sup>(1)</sup>. Thirty-four Evening Industrial Schools (men)  
(Continued)

Westfield, Oct., 1946; Vincent Kramer  
Fall River, Oct., 1947<sup>1</sup>; Charles Matte  
Pittsfield, Oct., 1948<sup>1</sup>; John F. Moran  
Haverhill, March, 1950<sup>1</sup>; Thomas F. Garvey  
Arlington, Oct., 1950; Harry J. Patterson  
Leominster, March, 1951<sup>1</sup>; Emil S. Johnson  
Attleboro, Oct. 9, 1951<sup>1</sup>; Henry Miller

Group I 2c. Twenty-eight Apprenticeship Schools (classes)

Pittsfield, Sept., 1927; John F. Moran  
Newton, Oct., 1939; James Forbes  
Worcester, March, 1943; Walter B. Dennen  
Springfield, Oct., 1944<sup>1</sup>; Dennis J. Brunton  
Boston, Nov., 1945; Leo C. Renaud  
Gloucester, Nov., 1945; Harold B. Geary  
Beverly, Oct., 1946; Claude H. Patten  
Brockton, Oct., 1946; Kenrick M. Baker  
Leominster, Oct., 1946; Emil S. Johnson  
Lowell, Oct., 1946; Charles P. Conlon  
Malden, Oct., 1946; James A. Booth  
New Bedford, Oct., 1946; William R. Mackintosh  
Northampton, Oct., 1946; Lauri S. Ronka  
Barnstable, Nov., 1946; Theodore W. Glover, Jr.  
Fitchburg, Nov., 1946<sup>1</sup>; Owen E. Willard  
Greenfield, Nov., 1946; Ralph A. Lawrence  
Holyoke, Nov., 1946; William J. Dean  
Medford, Nov., 1946; Walter D. Reid  
Weymouth, Nov., 1946; Ray Parker  
Lawrence, Dec., 1946; Daniel F. Sullivan  
Lynn, Jan., 1947; Michael C. O'Donnell  
Marlboro, Jan., 1947; Lloyd F. Spaulding, Acting  
Fall River, Feb., 1947; Charles Matte  
Taunton, Feb., 1947; Patrick H. Lyons  
Attleboro, May, 1947; Henry Miller  
Quincy, Oct., 1947; Frank C. Webster  
Southbridge, Oct., 1949; Raymond W. Benoit  
Haverhill, March, 1949; Thomas F. Garvey

Group I 2d. Vocational Art Schools (classes)

Massachusetts School of Art, Nov., 1927; Carl A. Gibson, Jr.

<sup>1</sup>Re-established



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CHICAGO, ILL., MAY 1, 1914

## Group II. Nine Compulsory Continuation Schools.

Boston, Sept., 1914; John B. Kelley  
 Cambridge, Sept., 1920; John M. Tobin  
 Leominster, Sept., 1920; Emil S. Johnson  
 Lowell, Sept., 1920; Charles P. Conlon  
 New Bedford, Sept., 1920; Englebert Wobecky  
 Salem, Sept., 1920; John M. Conway  
 Somerville, Sept., 1920; Philip J. Heffernan  
 Taunton, Sept., 1920; Patrick H. Lyons  
 Andover, Sept., 1923; Carl M. Gahan

## Group III la. Fourteen Homemaking Schools

New Bedford Household Arts, Nov., 1907; William R. Mackintosh  
 Smith's Household Arts (Northampton), Oct., 1908; Lauri S. Ronka  
 Lowell Household Arts, Sept., 1911; Charles P. Conlon  
 Essex County School of Homemaking (Methuen), Sept., 1914; Harold A. Mostrom  
 Worcester Household Arts, Jan., 1931; Blanche M. Penn  
 Springfield Household Arts, Jan., 1934; Edmund P. Garvey  
 New Bedford Household Arts, (General), April, 1934; Sarah D. Murray  
 Everett Household Arts, Sept., 1934; John W. Bates  
 Taunton Household Arts, Sept., 1934; Patrick H. Lyons  
 Cambridge Household Arts, Dec., 1935; John M. Tobin  
 Fitchburg Household Arts, July, 1936; Owen E. Willard  
 Boston Household Arts, Sept., 1939; Esther L. McNellis  
 Holyoke Household Arts, Jan., 1940; Henry J. Fitzpatrick  
 Fall River Household Arts, Sept., 1942; Joseph P. Gilligan

## Group III lb. Forty-five Lay Household Arts Departments

Fall River Household Arts, Nov., 1919; Ambrose F. Keeley  
 Somerville Household Arts, Nov., 1920; Mrs. Amy Webber  
 Scituate Household Arts, Sept., 1921; Edward L. Stewart  
 Pittsfield Household Arts, Sept., 1922; John F. Moran  
 Westport Household Arts, March, 1924; Harold Wood  
 Haverhill Household Arts, Sept., 1924; Charles L. Whitcomb  
 Falmouth Household Arts, April, 1925; Russell B. Marshall  
 Belchertown Household Arts, March, 1925; Guy E. Harrington  
 Shelburne Household Arts, Sept., 1928; Philip Hallowell  
 Bourne Household Arts, Sept., 1928; James F. Peebles  
 Provincetown Household Arts, Nov., 1931; Augustus A. Keane  
 Townsend Household Arts, Oct., 1932; J. Verne Quimby  
 Barnstable Household Arts, Sept., 1933; Theodore W. Glover  
 Brockton Household Arts, Jan., 1935; Ralph S. Frellick  
 North Adams Household Arts, Jan., 1935; Robert W. Taylor  
 Dartmouth Household Arts, Sept., 1935; Charles C. Entwistle  
 New Salem Household Arts, Sept., 1935; H. William Hammond  
 Palmer Household Arts, Sept., 1936; P. H. Payton  
 Holliston Household Arts, Dec., 1935; Fred W. Miller





## Group III 1b. Forty-five Day Household Arts Departments

Winchendon Household Arts, Sept., 1936; Donovan S. Jones  
 Adams Household Arts, Sept., 1936; J. Franklin Farrell  
 Beverly Household Arts, Sept., 1937; Willard H. Smith  
 Hudson Household Arts, Sept., 1938; Helen Glynn  
 Lee Household Arts, Sept., 1938; Arthur L. Welcome  
 Randolph Household Arts, Sept., 1938; Hubert F. Gilgan  
 Avon Household Arts, Sept., 1939; Sol Verdun  
 Marshfield Household Arts, Sept., 1939; James Romeo  
 Northbridge Household Arts, Sept., 1939; Beaumont Herman  
 Agawam Household Arts, Sept., 1940; Frederick T. Dacey  
 Newburyport Household Arts, Sept., 1941; Patrick J. Murnane  
 West Bridgewater Household Arts, Sept., 1941; Bert L. Merrill  
 Norton Household Arts, Dec., 1942; Charles Randall  
 Greenfield Household Arts, Sept., 1944; Ralph A. Lawrence  
 Orange Household Arts, Nov., 1945; Leslie K. Faulkner  
 Templeton Household Arts, Sept., 1948; Charles E. Bybee  
 Charlton Household Arts, Sept., 1949; Robert S. Ewing  
 Pembroke Household Arts, Sept., 1949; Chester T. Ray  
 Easton Household Arts, Sept., 1950; Peter C. McConarty  
 Tewksbury Household Arts, Sept., 1952; Lawrence McGowan  
 Wareham Household Arts, Sept., 1952; John J. Rolfe  
 Duxbury Household Arts, Sept., 1953; Everett L. Handy  
 Foxboro Household Arts, Sept., 1953; Charles G. Taylor  
 Lexington Household Arts, Sept., 1953; Manfred L. Warren  
 Wachusett Regional Household Arts (Holden), Aug., 1954; Gordon M. Thomas  
 Salem Household Arts, Sept., 1954; Chester R. Arnold

## Group III 3. One hundred and eleven Practical Art Schools

New Bedford, Nov., 1907; William R. Mackintosh  
 Lawrence, March, 1908; Daniel F. Sullivan  
 Newton, Feb., 1909; James Forbes  
 Worcester (Independent Board), 1911; Blanche M. Penn  
 Lowell, Sept., 1911; Charles P. Conlon  
 Everett, Oct., 1911; John W. Bates  
 Holyoke, Oct., 1911; William R. Peck  
 Somerville, Oct., 1911; Thomas J. D. Horne  
 Boston, Oct., 1912; Charles E. Schroeder  
 Methuen, Oct., 1912; Ralph C. Sturke  
 Leominster, Feb., 1916; Donald J. Geary  
 Essex County (Hathorne), July, 1918; Harold A. Mostrom  
 Beverly, Sept., 1919; William J. Foley  
 Lynn, Feb., 1920; Raymond F. Grady  
 Chicopee, Nov., 1921; Henry J. Rege  
 Brockton, Nov., 1926; Kenrick M. Baker  
 Somerset, Sept., 1928; Austin J. O'Toole  
 Webster, Dec., 1934<sup>1</sup>; Howard V. McGuinness  
 Gloucester, March, 1935<sup>1</sup>; Leon Sprague  
 Springfield, Oct., 1935<sup>1</sup>; Dennis J. Brunton  
 Salem, Oct., 1940<sup>1</sup>; Patrick Fallon

<sup>1</sup>Re-established





Group III 3. One hundred and eleven Practical Art Schools  
(Continued)

Northbridge, Oct., 1941; James S. Mullaney  
 Cambridge, Oct., 1942<sup>1</sup>; John M. Tobin  
 Nantucket, Oct., 1942<sup>1</sup>; Richard J. Porter  
 Northampton, April, 1942; Lauri S. Ronka  
 Fall River, June, 1943<sup>1</sup>; Joseph P. Gilligan  
 Pittsfield, Oct., 1943; John F. Moran  
 Waltham, Nov., 1943<sup>1</sup>; John W. McDevitt  
 Norwood, Oct., 1944; Blanche Marcionette  
 Winchendon, Nov., 1944; Donovan S. Jones  
 Hudson, Jan., 1945; Helen Glynn  
 Randolph, April, 1945; E. Perley Eaton  
 Abington, April, 1945; John W. Buldoc  
 Andover, Oct., 1945; Owen Hinckley  
 Taunton, Oct., 1945; Patrick H. Lyons  
 Quincy, Nov., 1945; Albert Cochrane  
 Hanson, March, 1946; Clifton E. Bradley  
 Melrose, March, 1946<sup>1</sup>; Philip Stackpole  
 Milton, April, 1946; Mrs. Miriam Schoenherr  
 Haverhill, Oct., 1946; Leo J. Chareth  
 Lexington, Oct., 1946<sup>1</sup>; Herbert M. Goddard  
 Weymouth, Oct., 1946<sup>1</sup>; Harold G. Olson  
 Brookline, Jan., 1947; Wendell Smith  
 Pembroke, Sept., 1947; Chester T. Ray  
 Swansea, Sept., 1947; Richard B. Greenman  
 Southbridge, Sept., 1947<sup>1</sup>; Raymond L. W. Benoit  
 Manchester, Oct., 1947; Frank Lawlor  
 Braintree, Jan., 1948; Alton C. Perry  
 Palmer, March, 1948; Donald F. McCaffrey  
 Millis, March, 1948; George C. Roy  
 Hanover, April, 1948; Clifton E. Bradley  
 Amherst, Oct., 1948; Harold O. Graves  
 Greenfield, Oct., 1948<sup>1</sup>; Ralph A. Lawrence  
 North Adams, Oct., 1948; Charles H. McCann  
 Provincetown, Oct., 1948; Augustus A. Keane  
 Westwood, Oct., 1948; Isaiah Chase  
 Barnstable, Nov., 1948; Theodore W. Glover  
 Spencer, Nov., 1948; Mrs. Eleanor Cormier  
 Westfield, Nov., 1948; Vincent P. Kramer  
 Whitman, Nov., 1948<sup>1</sup>; Frank E. Holt  
 Deerfield, Jan., 1949; Sidney Osborne  
 Franklin, Jan., 1949; Mrs. Helen Feeley  
 Burlington, March, 1949; Donald Connors  
 Middleboro, March, 1949; Joseph C. Kunces  
 Clinton, Oct., 1949; John J. Mitchell  
 Rockland, Oct., 1949; R. Stewart Esten  
 Truro, Nov., 1949; Augustus A. Keane  
 Arlington, Jan., 1950; Luke E. McCarthy

<sup>1</sup>Re-established





Group III 3. One hundred and eleven Practical Art Schools  
(Continued)

Athol, Jan., 1950; Carl H. Peterson  
 North Attleboro, Jan., 1950<sup>1</sup>; Arthur J. Mott  
 Ware, Jan., 1950; Mrs. Josie A. Buskey  
 Hull, Feb., 1950; Louis O. Forrest  
 Northfield, Feb., 1950; F. Sumner Turner  
 Wareham, Feb., 1950; John J. Rolfe  
 Harwich, March, 1950; Herbert E. Hoyt  
 Dover, April, 1950; Fritz Lindquist  
 Holbrook, Oct., 1950; Hugh C. Gilgan  
 Wellesley, Oct., 1950; Henry J. Barone  
 Lakeville, Nov., 1950; George R. Austin  
 Yarmouth, Feb., 1951; Alfred R. Kenyon  
 Belmont, Oct., 1951; Charles R. Thibadeau  
 Scituate, Dec., 1951; Judson R. Merrill  
 Bridgewater, Oct., 1951; Albert F. Hunt  
 Woburn, Jan., 1952; James J. Brennan  
 Lancaster, March, 1952; H. Deane Hoyt  
 Carver, Oct., 1953; George R. Austin  
 Bernadston, March, 1953; F. Sumner Turner  
 Duxbury, Oct., 1953; Everett L. Handy  
 Wilmington, Oct., 1952; Harlan Whittredge  
 Stoughton, Sept., 1953; Arthur L. Penardi  
 Marion, Sept., 1954; Robert T. Roy  
 Cohasset, Oct., 1953; Anthony D'Antuono  
 Warren, Oct., 1953; Carlton F. Rose  
 South Hadley, Oct., 1953; Charles A. Miller  
 Easthampton, Oct., 1953; William A. Dexter  
 East Longmeadow, Jan., 1954; Robert J. Jarvis  
 Wakefield, Feb., 1954; William D. Healey  
 Revere, Feb., 1954; Carl Lindstohl  
 Dartmouth, March, 1954; Charles C. Entwistle  
 Falmouth, March, 1954; Russell B. Marshall  
 Concord, Sept., 1954; Thomas J. Dillon  
 Wrentham, Oct., 1954; Frederick J. Delaney  
 Seekonk, Oct., 1954; Albert F. Ehnes  
 Montague, Oct., 1954; Arthur E. Burke  
 Canton, Oct., 1954; John Glenn  
 Billerica, Oct., 1954; Thomas W. Sykes  
 Lenox, Nov., 1954; Hiram F. Battey  
 Templeton, Nov., 1954<sup>1</sup>; Edwin Rowell  
 Rochester, Jan., 1955; George R. Austin  
 Ayer, Jan., 1955; Harold G. Norton  
 Milford, Feb., 1955<sup>1</sup>; David I. Davoren

Group IV 1a. Five Agricultural Schools

Smith's (Northampton), Oct., 1908; Lauri S. Ronka  
 Bristol County, Sept., 1913; Karl H. Erickson  
 Essex County, Oct., 1913; Harold A. Mostrom  
 Norfolk County, Oct., 1916; Foster H. Weiss  
 Weymouth Branch, Oct., 1916; Hilmer S. Nelson, Instructor

<sup>1</sup>Re-established.



THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION  
(PUBLISHED WEEKLY)

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Group IV 1b. Twenty-two Vocational Agricultural Departments  
with names of instructors (day)<sup>2</sup>

Ashfield, Aug., 1913; Henry J. Rubea  
Worcester, May, 1917; G. Andrew Karlson  
Boston (Jamaica Plain), Nov., 1918; Thomas P. Dooley  
New Salem, Sept., 1920; Charles Smith  
Shelburne, March, 1920; Ernest R. Griffin  
West Springfield, April, 1920; Edwin K. Fife  
Falmouth, Sept., 1920; Lewis B. Robinson  
Hatfield, Aug., 1921; George Feiker  
Westport, Aug., 1925; Thomas J. McGarr  
Agawam, Aug., 1929; David Skolnick  
Dartmouth, Sept., 1929; Charles C. Entwistle  
Westfield, Oct., 1931; Arthur L. Frellick  
Barnstable, Sept., 1934; Arnold N. Rogean  
Stockbridge, June, 1936; Kenneth W. Milligan  
Templeton, July, 1937; Walter N. Curtis  
Williamstown, Aug., 1937; John W. Divoll  
Hudson, Aug., 1935; Harold A. Potter  
Middleboro, Sept., 1940; William H. Tufts  
Deerfield, Sept., 1944; Robert Owers  
Charlton, Sept. 1949; G. Joseph Gribouski  
Bridgewater, Sept., 1952; Henry G. Trimble  
Wachusett Regional (Holden), July, 1954; Gordon M. Thomas

Group IV 3. Six Vocational Agricultural Departments  
with names of Directors (evening)

Essex County, Dec., 1926; Harold A. Mostrom  
Bristol County, Oct., 1940; Karl H. Erickson  
New Salem, Feb., 1946; Joseph Ciechon  
Westport, July, 1953; Harold S. Wood  
Dartmouth, Feb., 1952; Charles C. Entwistle  
Deerfield, Jan., 1949<sup>1</sup>; Sidney Osborne

Group V 1a. Twelve Part-time Cooperative Distributive  
Occupations Schools

Boston, Sept., 1937; Agnes Brennan  
Holyoke, Sept., 1937; Henry J. Fitzpatrick  
Pittsfield, Sept., 1941; John F. Moran  
Medford, Feb., 1942; Walter D. Reid  
Lowell, Sept., 1942; Charles P. Conlon  
Brockton, Sept., 1944<sup>1</sup>; Kenrick M. Baker  
Quincy, Sept., 1946; George A. Wilson  
Salem, Sept., 1948; John M. Conway  
Somerville, Sept., 1948; Philip J. Heffernan  
Chicopee, Sept., 1950; John L. Fitzpatrick  
Haverhill, Sept., 1951; Charles L. Whitcomb  
Fitchburg, Sept., 1954; Laurence H. Scanlon

<sup>1</sup>Re-established

<sup>2</sup>The Principal of the High School usually serves as a Director





Group V 2. Twelve Evening Distributive Occupations  
Schools

Springfield, Oct., 1941; Dennis J. Brunton  
Boston, April, 1943<sup>1</sup>; Agnes Brennan  
Holyoke, Nov., 1948; Henry J. Fitzpatrick  
North Adams, Oct., 1949; Charles H. McCann  
Fall River, Sept., 1953<sup>1</sup>; Ambrose F. Keeley  
Haverhill, Nov., 1953<sup>1</sup>; Charles L. Whitcomb  
Lowell, Nov., 1953; Charles P. Conlon  
Malden, Nov., 1953; James A. Booth  
Marlboro, Nov., 1953; Raymond C. Richer  
Pittsfield, Nov., 1953<sup>1</sup>; John F. Moran  
Quincy, Nov., 1953; George A. Wilson  
Salem, Nov., 1953<sup>1</sup>; Patrick Fallon

<sup>1</sup>Re-established



THE HISTORY OF THE  
CITY OF BOSTON

From the first settlement of the  
English in 1630 to the present  
time. By SAMUEL JOHNSON.  
Author of the Dictionary of the  
English Language. In two  
volumes. The first volume  
contains the history from 1630  
to 1700. The second volume  
contains the history from 1700  
to the present time. The  
first volume is now out of  
print. The second volume  
is now out of print. The  
third volume is now out of  
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volume is now out of print.

Table No. 3. Summarized Financial Statement - All Types of Schools:  
By Cities, Towns and Counties

School Year ending August 31, 1954

Key to Type Schools

- I. Day Industrial Schools (Boys) Includes Type C  
II. Day Industrial Schools (Girls) Includes Type C  
III. Evening Industrial Schools (Men)  
IV. Evening Industrial Schools (Women)  
V. Homemaking Schools (Day)  
VI. Evening Practical Art Classes

- VII. Part-Time Cooperative, Continuation and Apprenticeship Schools  
VIII. Agricultural Schools  
IX. Agricultural Departments (Day)  
X. Agricultural Departments (Evening)  
XI. Part-Time Distributive Occupations Schools

	EXPENDITURES							RECEIPTS					STATE REIMBURSEMENTS				
CITIES, TOWNS AND COUNTIES	Total Expenditure State and Local	Total Construction	Total Equipment	Maintenance	Tuition and Transportation Paid by Cities, Towns not Maintaining Certain Types of Vocational Schoole	Total Maintenance	Total Income	Tuition Claims Non-Residents and State Wards	Federal Funds Smith-Hughes and George-Barden	Other Miscellaneous Income Items	Cash Received from Work and Products	Equivalent and Actual Credits for Work and Products	Net Maintenance	Maintenance	Tuition	Transportation	Total State Expenditures
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Abington I, VI	18,629.50	-	2,018.49	15,347.77	1,263.24	16,611.01	5,233.28	47.25	4,988.65	26.60	-	170.78	10,114.49	5,057.26	515.77	115.85	5,868.87
Adams V	5,506.22	-	-	5,233.13	1,273.09	6,506.22	336.00	336.00	-	-	-	-	4,897.13	2,448.57	585.25	51.30	3,085.12
Agawan V, IX	15,543.33	-	-	8,110.92	7,432.41	15,543.33	2,271.70	1,320.00	951.70	-	-	-	6,717.20	3,746.25	3,458.65	424.22	7,629.12
Amherst VI	6,991.49	25.00	-	1,866.14	5,100.35	6,955.49	297.82	-	134.62	163.00	-	-	1,568.52	784.26	1,659.83	890.34	5,334.43
Andover VI, VII	4,010.73	-	-	1,538.22	2,472.51	4,010.73	42.00	42.00	-	-	-	-	1,496.22	746.11	1,021.42	214.83	1,984.36
Arlington I, III, VI, VII	91,535.12	-	7,540.10	81,358.14	2,636.88	83,995.02	5,552.92	1,666.40	2,751.31	-	2,083.34	51.87	74,805.22	37,402.61	1,276.54	41.90	38,721.05
Ashfield IX	4,311.94	25.00	9.02	3,565.64	692.28	4,277.92	439.86	133.70	305.16	-	-	-	1,956.95	1,316.16	178.64	167.50	1,662.30
Athol VI	3,753.83	-	333.54	1,944.91	1,575.38	3,520.29	547.07	333.50	213.47	-	-	-	1,397.84	698.92	491.94	295.75	1,466.61
Attleboro I, III, VII	27,466.17	-	741.21	25,349.36	375.60	26,724.96	5,544.68	759.00	4,785.68	-	-	-	20,804.68	10,402.34	187.60	-	10,590.14
Avon VI	3,378.03	-	25.45	1,912.08	1,440.50	3,352.58	-	-	-	-	-	-	1,912.08	956.04	573.36	146.87	1,676.29
Barnstable I, V, VI, VII, IX	46,462.58	-	386.40	45,858.91	218.27	45,077.18	7,473.84	1,470.58	3,577.28	-	2,425.88	-	38,252.38	20,303.56	109.13	-	20,412.69
Belchertown V	6,581.14	-	-	3,855.82	2,714.32	6,581.14	-	-	-	-	-	-	3,866.82	1,833.41	1,044.11	313.05	3,290.57
Belmont I, VI	43,174.31	-	754.83	42,038.30	381.18	42,419.48	2,061.55	1,303.22	484.50	-	246.58	27.25	39,976.75	19,968.36	190.59	-	20,178.97
Barnardston VI	2,189.57	-	-	360.00	1,829.57	2,189.57	251.00	-	200.00	51.00	-	-	109.00	54.80	701.91	212.88	969.29
Beverly I, III, V, VI, VII	104,984.15	444.92	4,144.98	100,243.29	150.90	100,394.19	24,941.11	16,665.15	2,631.63	-	4,491.39	1,152.74	75,302.16	37,772.09	75.45	-	37,847.54
Boston I, II, III, V, VI, VII, IX, XI	1,532,459.94	19,211.05	9,592.46	1,601,093.17	2,573.26	1,503,565.43	145,307.00	51,921.27	55,422.39	2,228.94	26,218.25	516.15	1,429,403.41	718,403.27	1,299.45	-	719,702.72
Bourne V	7,063.18	-	915.07	5,402.23	744.88	6,147.11	-	-	-	-	-	-	5,402.23	2,701.12	212.44	180.00	3,073.56
Braintree VI	5,468.74	-	-	2,651.99	2,815.75	5,468.74	454.86	-	203.86	251.00	-	-	2,197.13	1,098.56	1,348.39	80.00	2,508.94
Bridgewater VI, IX	6,759.05	-	2.82	5,197.33	558.91	5,756.24	5,419.55	364.40	4,909.15	146.00	-	-	1,019.66	476.42	224.40	55.05	755.87
Bristol County VIII, X	258,882.11	3,337.47	5,997.76	249,546.88	-	249,546.88	66,324.24	11,921.40	9,674.70	17,777.02	26,951.12	-	163,222.64	91,611.32	-	-	91,611.32
Brookton I, III, V, VI, VII, XI	72,225.58	-	1,217.73	68,640.20	2,367.65	71,007.85	9,577.66	8,140.57	733.51	488.94	308.14	6.50	58,962.64	29,650.58	1,062.47	121.35	30,834.40



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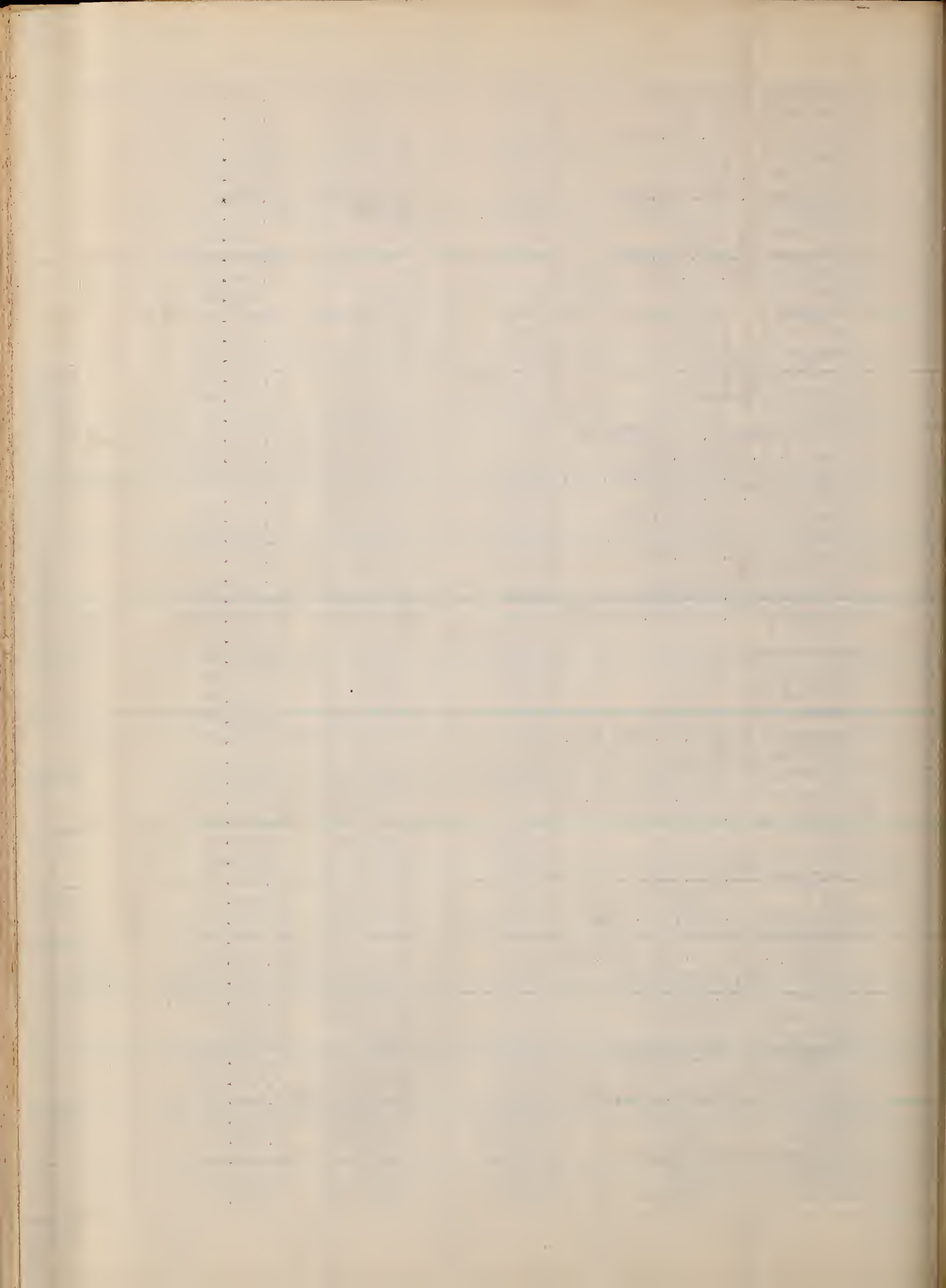
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Brookline VI	22,176.21	271.70	320.30	20,341.02	1,243.18	21,584.21	3,140.65	1,002.75	738.10	1,400.00	-	-	17,200.17	6,800.06	555.44	66.15	8,221.87
Burlington VI	4,069.55	-	-	1,003.00	3,088.55	4,089.55	100.00	-	100.00	-	-	-	903.00	451.50	1,464.80	78.38	1,994.78
Cambridge I, V, VI, VII	69,703.63	-	-	86,846.77	854.86	69,703.63	1,582.74	389.56	1,193.18	-	-	-	87,286.03	33,633.01	427.43	-	34,060.44
Carrer VI	6,917.53	-	-	843.05	6,074.46	6,817.53	228.10	26.10	200.00	-	-	-	166.95	308.46	1,007.46	2,029.78	3,345.72
Charlton V, IX	9,716.28	-	30.00	9,305.36	380.90	9,886.26	1,725.00	-	1,537.50	67.50	-	-	8,466.85	3,627.18	156.75	21.70	3,817.53
Chicopee I, III, VI, XI	145,156.12	-	125.93	136,214.24	6,815.95	145,030.19	16,200.67	696.84	10,137.89	-	4,637.36	528.76	122,013.37	61,006.69	3,379.16	293.09	64,678.96
CClinton VI	10,126.29	-	-	1,808.59	6,318.70	10,126.29	382.29	106.60	273.69	-	-	-	1,424.30	712.15	3,255.41	804.44	4,872.00
Cohasset VI	945.90	-	-	761.05	184.85	845.90	808.00	9.00	600.00	-	-	-	152.05	76.02	92.42	-	166.44
Dartmouth I, VI, IX, X	36,743.95	-	1,266.83	26,845.79	6,611.23	35,457.02	1,745.06	200.00	1,305.84	-	217.42	21.80	27,377.17	14,323.78	2,956.00	348.62	17,629.40
Deerfield VI, IX, X	13,703.66	-	-	10,840.93	2,662.82	13,703.85	3,248.79	1,728.15	1,364.84	138.00	-	-	6,473.05	3,872.01	1,114.70	318.76	5,303.47
Dennis VI	606.60	-	62.10	498.00	48.50	544.50	4.05	4.05	-	-	-	-	493.95	246.97	23.25	-	270.22
Dighton I	17,304.86	-	-	17,212.16	92.40	17,304.56	5,285.16	2,986.81	2,189.12	13.25	96.00	-	11,946.98	5,973.49	46.20	-	8,019.69
Dever VI	1,308.42	-	-	728.95	578.47	1,309.42	-	-	-	-	-	-	729.95	354.97	230.70	59.04	854.71
Duxbury V, VI	4,335.05	-	-	3,849.83	685.22	4,335.05	2,132.00	-	2,075.00	57.00	-	-	1,517.63	756.91	152.35	190.28	1,101.52
Easthampton VI	13,039.66	-	76.00	1,350.00	11,611.86	12,961.86	674.80	55.60	500.00	118.00	-	-	675.20	367.60	4,559.43	1,482.62	8,428.65
East Longmeadow VI	9,756.35	-	188.39	1,547.94	6,020.02	9,587.96	1,024.75	24.75	1,000.00	-	-	-	523.19	261.59	4,084.86	337.25	4,683.50
Easton V	7,460.32	-	-	4,815.18	2,645.14	7,460.32	1,775.00	-	1,775.00	-	-	-	3,040.18	1,520.09	1,062.69	259.68	2,842.65
Essex County V, VI, VIII, X	468,219.39	15,603.03	11,672.32	436,944.04	-	438,944.04	79,132.51	9,720.00	14,710.51	11,494.17	43,207.83	-	359,611.53	179,905.78	-	-	179,905.75
Everett I, III, V, VI	146,024.16	-	2,442.69	141,761.26	1,620.20	143,381.46	19,437.16	15,572.71	1,791.41	289.00	664.22	919.84	122,324.08	61,162.04	61,972.14	-	61,972.14
Fall River I, II, III, V, VI, VII, XI	204,575.69	6,052.86	3,140.16	193,217.43	165.30	193,382.73	22,189.42	5,332.35	11,548.96	2,553.50	2,754.51	-	171,028.01	85,514.00	82.65	-	85,596.65
Falmouth V, VI, IX	6,701.50	-	-	6,484.50	217.00	6,701.50	1,411.58	465.44	948.22	-	-	-	7,368.46	4,357.48	106.50	-	4,475.88
Fitchburg I, III, V, VII	87,636.70	-	163.20	66,665.57	6,509.93	67,475.50	14,785.22	13,415.07	946.94	-	411.21	10.00	44,080.35	22,161.35	2,908.18	1,395.77	25,486.31
Foxboro V	6,331.02	-	84.05	7,484.91	752.06	6,236.97	5,606.34	-	5,606.34	-	-	-	1,678.57	836.29	140.21	-	1,214.32
Framingham I, III, VII	46,878.35	-	1,826.76	29,052.84	15,986.73	45,051.57	2,066.46	1,523.40	253.68	-	-	309.40	28,966.38	13,583.18	6,223.66	1,775.70	21,582.54
Franklin VI	2,308.61	-	-	1,703.66	605.93	2,309.61	412.27	109.80	163.47	139.00	-	-	1,291.61	845.80	284.33	38.64	946.77
Gloucester I, VI, VII	66,999.60	-	1,676.21	67,106.84	212.75	67,321.59	7,003.49	3,580.93	1,551.33	96.09	17.15	1,755.99	60,105.35	30,052.67	106.36	-	30,159.05
Greenfield I, III, V, VI, VII	83,093.76	41.00	1,336.06	80,733.15	981.57	91,714.72	24,640.66	15,264.45	8,180.90	12.00	-	1,153.31	68,092.49	33,084.13	327.73	163.05	33,584.91
Hadley V	4,617.08	82.78	20.74	3,596.33	1,107.21	4,703.54	-	-	-	-	-	-	3,596.33	1,798.16	413.70	140.20	2,352.06
Hanover VI	2,806.04	-	-	950.21	1,855.83	2,806.04	384.05	112.05	180.00	72.00	-	-	586.16	293.06	740.69	218.95	1,252.72
Hanson VI	3,169.28	-	-	760.30	2,408.96	3,169.28	155.95	103.95	-	52.00	-	-	504.35	302.17	600.93	403.55	1,506.66
Harwich VI	432.90	-	-	163.00	269.90	432.90	-	-	-	-	-	-	163.00	81.50	134.86	-	216.45
Hatfield IX	6,109.97	-	53.00	6,066.72	1,970.25	8,058.97	734.34	-	734.34	-	-	-	3,671.12	2,377.94	702.73	282.40	3,353.07
Haverhill I, III, V, VI, VII, XI	252,151.92	2,139.00	14,991.49	233,994.66	1,028.57	235,021.43	62,726.89	26,448.44	21,279.17	11,699.61	781.64	516.83	171,267.97	86,846.01	513.28	-	87,359.28
Holbrook V, VI	5,766.26	-	-	5,766.73	3,391.55	5,768.26	600.00	-	800.00	-	-	-	1,576.73	768.38	1,361.88	349.90	2,520.14
Holliston V	7,898.78	-	-	4,184.07	3,515.71	7,699.76	-	-	-	-	-	-	4,184.07	2,092.03	1,382.56	375.19	3,848.86
Holyoke I, III, V, VI, VII, XI	173,016.47	-	3,514.86	169,200.00	301.51	188,501.51	17,333.15	11,354.69	4,212.63	901.00	415.14	449.89	151,865.85	78,108.42	150.75	-	76,259.17
Hudson V, VI, IX	17,669.25	-	-	16,724.45	944.60	17,669.26	6,653.08	4,760.00	1,893.06	-	-	-	12,584.49	6,847.84	399.60	72.80	7,120.04
Hull VI	3,993.85	-	-	1,144.50	2,848.35	3,993.85	100.00	-	100.00	-	-	-	1,044.50	522.25	1,040.87	384.00	1,946.82
Lakeville VI	5,639.42	-	-	647.95	5,191.47	5,639.42	316.60	16.60	300.00	-	-	-	329.35	164.68	2,075.74	520.00	2,760.42
Lawrence III, VI, VII	46,165.29	-	-	41,841.04	4,324.25	46,185.28	4,155.29	2,321.10	1,831.66	106.86	95.45	-	37,685.75	18,842.88	2,121.62	40.50	21,005.00
Lee V	4,096.61	-	-	3,841.41	455.40	4,096.81	-	-	-	-	-	-	3,641.41	1,820.70	205.20	22.50	2,048.40
Leominster I, III, VI, VII	70,634.69	-	528.42	60,646.26	9,858.01	70,506.27	15,315.59	9,694.70	4,460.63	486.00	500.96	173.28	46,332.67	22,740.38	3,749.68	1,379.54	27,869.53
Lexington V, VI	18,776.76	-	114.60	10,560.76	5,903.40	16,464.16	3,330.02	-	2,404.53	925.49	-	-	7,250.74	3,630.67	2,730.69	220.81	6,582.07
Lowell I, III, V, VI, VII, XI	169,842.14	247.32	8,484.11	186,376.31	724.40	187,100.71	34,663.35	22,670.00	11,017.78	400.00	245.56	350.00	161,692.96	75,973.98	362.20	-	76,336.18
Lynn I, III, VI, VII	253,730.21	2,563.24	7,972.17	243,413.55	681.25	244,074.80	40,875.07	21,961.01	4,257.84	1,687.25	11,471.69	1,487.08	202,538.46	101,269.25	330.63	-	101,599.88
Malden I, III, VII, XI	77,413.30	22.41	1,416.94	71,518.62	4,455.13	75,973.95	5,636.84	4,204.00	740.46	-	115.70	775.68	65,681.96	32,802.52	2,227.57	-	35,130.09
Manchester VI	1,936.25	-	-	1,030.68	905.56	1,936.25	68.62	-	34.62	52.00	-	-	944.07	376.66	924.82	76.13	885.08
Marion VI	1,910.15	-	-	474.00	1,436.15	1,910.15	160.00	-	180.00	-	-	-	294.00	147.00	718.08	-	7,491.77
Marlboro I, III, VII, XI	20,671.80	1,191.65	1,654.33	16,437.52	1,588.40	18,025.92	3,042.39	1,335.80	1,102.64	61.20	-	522.75	13,395.13	6,587.57	615.75	178.45	7,491.77
Marshfield V	3,429.33	-	-	2,981.56	447.75	3,429.33	-	-	-	-	-	-	2,981.58	1,490.79	216.62	7.25	1,714.66
Medford I, III, VI, VII, XI	150,842.76	-	5,176.20	141,822.01	3,842.57	145,664.58	27,653.85	16,465.14	7,482.61	529.00	42.50	1,044.30	114,158.35	57,084.45	1,860.80	60.46	59,005.73
Melrose VI	9,451.76	-	-	4,583.25	4,658.51	8,451.76	595.06	-	157.33	427.75	-	-	3,996.17	1,999.08	2,305.05	124.20	4,428.33
Methuen VI	7,459.36	-	-	2,205.21	5,254.17	7,459.38	180.78	-	60.76	100.00	-	-	2,024.43	1,012.22	2,480.02	315.07	3,807.31
Middleboro IX	19,426.75	-	-	8,879.26	9,748.47	18,428.75	5,441.89	1,183.75	4,278.14	-	-	-	4,849.05	2,959.05	3,334.34	1,838.14	7,932.53
Millis VI	981.90	-	-	710.00	281.90	891.90	200.00	-	200.00	-	-	-	510.00	265.00	495.95	-	495.95
Milton VI	6,452.16	-	-	2,765.55	3,888.61	8,452.16	375.01	-	375.01	-	-	-	2,390.54	1,195.27	1,717.50	125.70	3,038.57







1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Nantucket I, VI	15,827.05	1,500.00	-	14,327.05	-	14,327.05	150.00	-	150.00	-	-	-	13,586.97	6,793.48	-	-	8,793.48
New Bedford I, III, V, VI, VII	460,894.51	2,953.80	12,920.15	444,729.58	91.20	444,820.78	54,199.39	37,603.13	11,429.83	2,837.79	8,773.87	3,555.07	380,530.17	190,265.08	45.60	-	190,310.68
Newburyport I, V	28,718.95	-	9.47	27,520.81	1,088.68	28,709.49	7,049.38	5,924.94	223.97	859.52	-	240.95	20,571.43	10,285.71	470.34	74.00	10,830.05
New Salem V, IX, X	19,957.22	750.00	893.58	18,302.11	211.53	16,893.84	14,893.84	10,781.52	4,112.12	-	-	-	5,529.31	2,060.10	106.77	-	2,165.87
Newton I, III, VI, VII	229,760.38	-	8,388.81	219,998.22	1,393.33	221,391.55	44,378.94	38,742.44	2,886.53	1,992.92	885.31	2,071.74	175,819.28	87,954.84	651.23	45.44	88,651.31
Norfolk County VIII, X	258,289.73	5,016.15	8,609.87	254,643.71	-	254,643.71	63,099.61	12,200.00	8,806.46	16,730.18	21,775.37	3,787.50	191,544.20	98,772.10	-	-	98,772.10
North Adams, I, III, V, VI, VII, XI	28,888.04	-	888.80	28,153.24	28.20	28,181.44	3,806.02	2,305.54	280.53	988.10	-	71.88	24,547.22	12,273.81	14.10	-	12,287.71
North Attleboro VI	1,889.86	-	-	1,388.37	501.49	1,889.86	452.22	111.80	234.62	106.00	-	-	938.15	468.07	197.09	83.85	718.81
Northampton I, III, V, VI, VII, VIII	159,647.13	3,500.00	7,083.03	148,184.71	899.39	149,064.10	55,391.29	23,712.02	8,438.87	1,844.83	17,691.29	2,904.28	92,773.42	46,537.45	360.00	89.89	46,987.14
Northbridge I, V, VI	19,123.99	-	713.31	15,791.42	2,819.26	16,410.68	1,218.58	214.40	827.28	-	77.00	-	14,572.74	7,286.37	1,035.63	274.00	8,598.00
Northfield VI	4,557.18	-	-	739.65	3,817.51	4,557.16	-	579.00	300.00	171.00	-	-	180.65	80.33	972.40	936.35	1,989.08
Norton V	3,835.93	-	139.25	1,077.46	2,819.22	3,698.88	-	-	-	-	-	-	1,077.46	538.73	1,129.60	180.01	1,848.34
Norwood I, II, VI	111,181.37	2,490.97	22.50	104,337.27	4,330.83	108,567.90	38,725.50	12,854.28	1,324.89	15,010.81	9,570.86	164.68	85,811.77	32,837.82	1,779.65	385.88	35,002.93
Orange V	11,238.75	-	269.25	4,385.87	8,801.64	10,987.51	229.25	229.25	-	-	-	-	4,138.52	2,068.31	2,253.78	1,161.97	5,484.08
Palmer V, VI	16,262.33	-	-	7,433.71	7,828.82	15,282.33	144.25	-	144.25	-	-	-	7,289.46	3,844.73	2,714.31	1,200.00	7,559.04
Peabody I, XI	43,394.28	43.88	511.80	40,550.15	2,288.83	42,838.78	2,782.82	858.68	377.08	-	1,465.30	283.78	37,797.33	18,898.88	1,074.57	89.75	20,042.98
Pembroke V, VI	4,986.17	-	-	4,034.72	851.45	4,986.17	828.25	15.75	812.50	-	-	-	3,206.47	1,803.23	347.48	128.25	2,078.98
Pittsfield I, III, V, VI, VII, XI	153,504.95	-	1,319.53	152,185.42	-	152,185.42	31,788.12	13,699.80	15,894.55	-	308.75	1,865.22	120,417.30	80,388.85	-	-	80,388.85
Plymouth I	4,940.25	-	-	851.40	3,978.85	4,940.25	918.00	-	818.00	-	-	-	43.40	21.70	1,464.60	524.83	2,011.13
Provincetown I, V, VI	10,284.14	-	375.28	9,868.88	18.00	9,887.88	3,183.63	824.50	1,219.18	-	894.18	125.79	8,708.25	3,353.12	9.00	-	3,382.12
Quincy I, III, VI, VII, XI	155,368.99	-	3,435.81	147,891.57	4,040.61	151,932.18	22,534.05	12,383.15	9,195.88	15.18	451.51	508.36	125,357.51	82,710.48	1,822.13	198.18	84,730.79
Randolph V, VI	13,915.34	-	-	5,843.84	8,071.70	13,915.34	80.39	-	50.39	-	-	-	5,783.25	2,891.82	3,194.85	1,092.38	7,178.85
Rivers VI	11,574.75	-	-	788.00	10,786.75	11,574.75	200.00	-	200.00	-	-	-	588.00	294.00	5,208.83	184.75	5,687.38
Rockland VI	7,828.82	-	120.45	1,479.98	6,328.39	7,808.37	238.39	-	1,403.39	96.00	-	-	1,243.59	821.79	3,785.59	597.80	3,785.59
Salem I, V, VI, XI	88,435.37	-	-	82,912.82	3,522.55	88,435.37	4,598.51	942.05	2,731.79	-	889.33	55.34	80,314.31	30,157.18	1,674.87	88.40	31,918.43
Seituate V, VI	9,848.24	-	1,060.74	8,272.79	514.71	8,787.50	735.70	57.00	557.70	122.00	-	-	7,538.09	3,758.04	257.35	-	4,025.39
Shelburne I, V, IX	30,352.83	390.00	358.94	28,585.09	40.80	29,805.89	23,786.03	22,276.27	1,509.78	-	-	-	9,358.23	4,377.80	20.40	-	4,398.20
Somerset VI	5,460.52	-	-	1,676.82	3,783.90	5,460.52	57.70	-	57.70	-	-	-	1,818.92	809.46	1,877.45	214.50	2,701.41
Somerville I, III, V, VI, XI	170,489.19	-	424.72	155,892.28	4,172.21	170,064.47	9,448.57	6,579.73	2,597.50	-	288.91	4.43	156,443.89	78,378.28	2,086.10	-	80,464.38
Southbridge I, III, VI, VII	91,346.77	300.57	5,065.02	84,290.55	1,690.63	85,981.18	13,994.50	12,247.87	1,412.41	-	8.75	327.47	70,295.05	35,148.03	509.63	235.88	35,993.34
South Hadley VI	8,334.85	-	-	360.00	5,974.65	6,334.65	360.00	-	360.00	-	-	-	-	-	2,888.66	300.87	2,987.33
Spencer VI	9,381.97	-	-	703.50	8,678.47	9,381.97	300.00	-	300.00	-	-	-	-	-	828.70	-	4,540.98
Springfield I, II, III, V, VI, VII	601,342.45	-	8,616.14	590,410.23	1,316.08	591,728.31	102,615.58	83,830.30	7,899.18	8,085.84	3,326.82	1,493.84	487,794.55	244,807.58	832.00	26.04	245,465.82
Stockbridge IX	8,005.38	-	-	7,802.88	202.50	8,005.38	5,841.86	3,197.00	2,844.86	-	-	-	978.83	69.37	101.25	-	170.62
Stoughton VI	6,839.83	-	220.00	2,319.49	4,300.34	6,819.83	883.00	-	500.00	183.00	-	-	1,838.49	818.24	2,150.17	-	2,988.41
Swansea I, VI	8,483.18	-	247.23	7,097.38	1,138.55	8,235.93	2,821.82	-	2,809.62	12.00	-	-	4,275.78	524.83	44.45	44.45	2,707.18
Taunton I, III, V, VI, VII	50,390.81	-	31.00	49,772.11	587.70	50,359.81	11,248.83	8,985.20	1,283.63	-	-	-	38,523.28	19,319.14	179.85	99.00	19,597.99
Templeton V, IX, X	17,341.89	8.48	1,238.76	14,538.54	1,555.91	16,094.45	8,330.37	3,363.07	4,987.30	-	-	-	8,570.12	4,157.10	586.96	190.99	4,935.05
Tewksbury V	5,585.41	-	15.16	3,741.70	1,828.55	5,570.25	2,250.00	-	2,250.00	-	-	-	1,491.70	875.87	852.33	281.95	1,590.15
Townsend V	3,823.77	-	186.18	3,057.71	579.88	3,837.59	-	-	-	-	-	-	3,057.71	1,528.85	375.06	112.20	2,016.11
Uxbridge VI	1,574.50	-	-	750.00	824.50	1,574.50	168.00	18.00	150.00	-	-	-	582.00	291.00	412.25	-	703.25
Wakefield VI	5,603.80	-	-	1,514.36	4,089.44	5,803.80	1,105.50	-	840.00	285.50	-	-	408.86	204.43	1,795.58	249.15	2,249.18
Waltham I, III, VI, VII	110,405.26	2,312.20	3,157.03	102,021.41	2,914.62	104,938.03	16,304.16	5,818.70	3,897.47	1,857.08	5,010.94	119.97	65,717.25	42,858.83	1,457.31	-	44,315.94
Ware V, VI	18,263.48	-	-	4,701.07	11,552.39	15,283.46	954.26	101.40	753.88	99.00	-	-	3,748.81	1,873.40	3,583.69	2,197.50	7,854.69
Wareham I, V, VI	8,135.30	63.49	1,743.16	3,177.87	1,150.78	4,328.65	8,245.35	92.25	4,797.50	-	1,355.60	-	6,928.02	3,483.01	575.39	-	4,038.40
Warren VI	2,514.53	-	-	850.00	1,664.53	2,514.53	829.00	-	800.00	29.00	-	-	21.00	10.50	583.51	248.75	842.78
Webster I, V, VI	80,731.74	-	1,328.12	57,053.07	2,352.55	59,405.62	7,787.63	5,511.00	2,210.98	32.10	8.00	7.55	49,285.44	24,842.72	811.26	385.01	25,818.99
Wellesley VI	5,555.59	-	-	2,782.63	2,792.98	5,555.59	834.08	285.80	80.78	287.50	-	-	2,128.55	1,064.27	1,246.33	150.15	2,480.75
Wellfleet VI	398.20	-	-	396.20	-	398.20	174.00	24.00	150.00	-	-	-	222.20	111.10	-	-	111.10
West Bridgewater V	6,080.28	-	183.00	3,583.68	2,293.80	5,877.28	10.00	-	10.00	-	-	-	3,573.88	1,786.84	935.80	211.00	2,933.54
Westfield I, III, VI, VII, IX	102,587.53	2,562.73	7,855.09	88,084.28	4,255.46	92,339.71	14,748.84	7,830.36	1,078.32	5,148.25	881.81	12.00	78,197.04	39,725.55	1,818.24	311.48	41,853.27
Westport V, IX, X	13,138.48	-	33.92	9,747.81	3,356.75	13,104.56	4,191.83	-	4,191.83	-	-	-	5,218.71	2,705.19	1,318.33	350.05	4,383.67
West Springfield IX	16,205.08	-	-	5,818.69	10,586.37	18,205.06	2,414.14	1,436.00	978.14	-	-	-	3,794.13	2,210.40	4,878.47	414.72	7,503.59
Westwood VI	2,910.73	-	-	2,360.00	550.73	2,910.73	722.81	89.50	575.01	78.00	-	-	1,837.39	818.89	275.37	-	1,094.08
Weymouth I, VI, VII	140,949.07	-	8,689.85	129,232.93	3,025.29	132,259.22	31,295.57	15,732.36	3,881.85	-	4,689.11	7,032.35	97,937.28	48,968.83	1,269.14	244.00	50,481.77
Whitman VI	4,042.80	-	-	982.50	3,080.30	4,042.80	107.82	18.00	34.82	55.00	-	-	874.88	437.44	1,309.35	220.80	1,957.59





1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Williamstown IX	5,769.54	-	-	5,455.12	334.42	5,769.54	1,065.88	-	465.88	600.00	-	-	3,964.00	2,462.78	167.21	-	2,629.99
Wilmington VI	5,865.06	-	-	3,359.50	2,505.55	5,865.05	1,202.79	254.70	898.09	250.00	-	-	2,156.71	1,078.85	1,166.02	95.78	2,331.63
Winchendon V, VI	5,806.26	-	143.55	4,449.42	1,213.31	5,862.73	177.50	-	100.00	77.50	-	-	4,271.92	2,135.98	409.86	197.00	2,742.82
Woburn VI	11,283.87	-	25.75	5,101.76	6,166.34	11,266.12	750.02	-	750.02	-	-	-	4,351.78	2,175.68	2,570.64	507.62	5,254.04
Worcester I, II, III, V, VI, VII, IX	1,220,988.92	481,334.71	18,502.89	721,145.02	4.60	721,149.52	175,834.65	137,656.69	15,491.15	683.26	21,146.76	506.77	549,974.85	276,877.77	2.25	-	276,880.02
Yarmouth VI	1,233.63	-	35.00	950.00	248.63	1,198.63	-	-	-	-	-	-	950.00	475.00	124.31	-	599.31
Wachusett Regional V, IX	1,164.06	-	-	1,164.06	-	1,164.06	1,164.06	-	1,164.06	-	-	-	-	-	-	-	-
Cost to places paying tuition in and transportation for, but not maintaining these types of schools.	570,743.95	-	-	-	570,743.95	570,743.95	-	-	-	-	-	-	-	-	233,662.10	53,929.59	267,611.69
Total - All Schools	10,417,457.92	556,515.21	202,513.46	6,703,196.06	955,233.17	9,656,429.25	1,543,418.88	782,929.36	364,302.24	111,160.63	227,932.93	37,091.70	7,159,779.20	3,695,699.85	392,922.23	89,409.47	4,076,031.55
State Administration Expenditures	196,675.41	-	-	196,675.41	-	196,675.41	103,025.87	-	103,025.87	-	-	-	95,649.54	-	-	-	95,649.54
TOTALS	10,616,133.33	556,515.21	202,513.46	6,901,871.49	955,233.17	9,857,104.66	1,646,442.75	782,929.36	467,328.11	111,160.63	227,932.93	37,091.70	7,255,428.74	3,696,699.35	392,922.23	89,409.47	4,173,681.09





Table No. 3a. Tabulation of State Reimbursement for Vocational Education for Maintenance, Tuition, Transportation for School year ending August 31, 1954.

City, Town or County	Maintenance	Tuition	Trans- portation	Total
Abington	5,057.25	515.77	115.85	5,688.87
Acton	-	678.80	149.57	828.37
Acushnet	-	5,060.95	1,315.87	6,376.82
Adams	2,448.57	585.25	51.30	3,085.12
Agawam	3,746.25	3,458.65	424.22	7,629.12
Alford	-	-	-	-
Amesbury	-	4,745.98	546.82	5,292.80
Amherst	784.26	1,659.83	890.34	3,334.43
Andover	748.11	1,021.42	214.83	1,984.36
Arlington	37,402.61	1,276.54	41.90	38,721.05
Ashburnham	-	4,265.13	3,010.28	7,275.41
Ashby	-	412.83	542.00	954.83
Ashfield	1,316.16	178.64	167.50	1,662.30
Ashland	-	479.09	76.60	555.69
Athol	698.92	491.94	295.75	1,486.61
Attleboro	10,402.34	187.80	-	10,590.14
Auburn	-	3,569.92	479.95	4,049.87
Avon	956.04	573.38	146.87	1,676.29
Ayer	-	696.80	192.38	889.18
Barnstable	20,303.56	109.13	-	20,412.69
Barre	-	636.15	64.80	700.95
Becket	-	-	-	-
Bedford	-	77.25	-	77.25
Belchertown	1,933.41	1,044.11	313.05	3,290.57
Bellingham	-	33.60	-	33.60
Belmont	19,988.38	190.59	-	20,178.97
Berkley	-	770.56	248.70	1,019.26
Berlin	-	1,277.10	176.79	1,453.89
Bernardston	54.50	701.91	212.88	969.29
Beverly	37,772.09	75.45	-	37,847.54
Billerica	-	2,867.74	420.63	3,288.37
Blackstone	-	1,088.65	787.18	1,875.83
Blandford	-	419.97	507.75	927.72
Bolton	-	1,433.75	242.30	1,676.15
Boston	718,403.27	1,299.45	-	719,702.72
Bourne	2,701.12	212.44	160.00	3,073.56
Boxborough	-	44.69	23.76	68.45
Boxford	-	353.24	28.67	381.91
Boylston	-	2,968.80	-	2,968.80
Braintree	1,098.56	1,348.38	60.00	2,506.94
Brewster	-	505.60	285.00	790.60
Bridgewater	476.42	224.40	55.05	755.87
Brimfield	-	295.54	191.00	486.54
Bristol County	91,611.32	-	-	91,611.32
Brockton	29,650.58	1,062.47	121.35	30,834.40
Brookfield	-	752.23	323.83	1,076.06



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1917	Chicago	Dr. R. L. Brown	789 S. State St.	...
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1917	Chicago	Dr. N. O. King	678 W. Madison St.	...
1917	Chicago	Dr. P. Q. Reed	901 S. State St.	...
1917	Chicago	Dr. R. S. Cook	123 E. Lake St.	...
1917	Chicago	Dr. T. U. Bailey	456 N. La Salle St.	...
1917	Chicago	Dr. V. W. Fisher	789 W. Jackson St.	...
1917	Chicago	Dr. X. Y. Carter	101 S. Franklin St.	...
1917	Chicago	Dr. Z. A. Evans	234 E. Chicago St.	...
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1917	Chicago	Dr. I. J. Reed	345 N. La Salle St.	...
1917	Chicago	Dr. K. L. Cook	678 W. Jackson St.	...
1917	Chicago	Dr. M. N. Bailey	901 S. Franklin St.	...
1917	Chicago	Dr. O. P. Carter	123 E. Chicago St.	...
1917	Chicago	Dr. Q. R. Evans	456 N. Dearborn St.	...
1917	Chicago	Dr. S. T. Green	789 W. Madison St.	...
1917	Chicago	Dr. U. V. Hall	101 S. State St.	...
1917	Chicago	Dr. W. X. King	234 E. Lake St.	...
1917	Chicago	Dr. Y. Z. Reed	567 N. La Salle St.	...
1917	Chicago	Dr. A. B. Cook	890 W. Jackson St.	...
1917	Chicago	Dr. C. D. Bailey	112 S. Franklin St.	...
1917	Chicago	Dr. E. F. Carter	345 E. Chicago St.	...
1917	Chicago	Dr. G. H. Evans	678 N	

City, Town or County	Maintenance	Tuition	Trans- portation	Total
Brookline	8,600.08	555.44	66.15	9,221.67
Buckland	-	3,790.35	-	3,790.35
Burlington	451.50	1,464.90	78.38	1,994.78
Cambridge	33,633.01	427.43	-	34,060.44
Canton	-	1,617.20	377.70	1,994.90
Carlisle	-	136.00	44.75	180.75
Carver	308.48	1,007.46	2,029.78	3,345.72
Charlemont	-	415.81	257.00	672.81
Charlton	3,627.18	168.75	21.70	3,817.63
Chatham	-	787.45	-	787.45
Chelmsford	-	1,602.60	317.37	1,919.97
Chelsea	-	5,799.66	394.15	6,193.81
Cheshire	-	535.05	152.90	687.95
Chester	-	217.41	137.78	355.19
Chesterfield	-	1,307.78	968.00	2,275.78
Chicopee	61,006.69	3,379.18	293.09	64,678.96
Chilmark	-	-	-	-
Clarksburg	-	555.08	-	555.08
Clinton	712.15	3,255.41	904.44	4,872.00
Cohasset	76.02	92.42	-	168.44
Colrain	-	5,008.89	447.95	5,456.84
Concord	-	114.95	64.46	179.41
Conway	-	933.08	145.50	1,078.58
Cummington	-	547.50	507.50	1,055.00
Dalton	-	191.30	12.45	203.75
Danvers	-	1,983.84	37.85	2,021.69
Dartmouth	14,323.78	2,956.00	349.62	17,629.40
Dedham	-	3,763.83	320.40	4,084.23
Deerfield	3,872.01	1,114.70	316.76	5,303.47
Dennis	246.97	23.25	-	270.22
Dighton	5,973.49	46.20	-	6,019.69
Douglas	-	402.00	79.75	481.75
Dover	364.97	230.70	59.04	654.71
Dracut	-	2,749.14	287.25	3,036.39
Dudley	-	3,613.61	466.79	4,080.40
Dunstable	-	-	-	-
Duxbury	758.91	152.35	190.26	1,101.52
East Bridgewater	-	480.30	84.03	564.33
East Brookfield	-	1,270.95	406.17	1,677.12
Eastham	-	181.30	-	181.30
Easthampton	387.60	4,559.43	1,482.62	6,429.65
East Longmeadow	261.59	4,084.66	337.25	4,683.50
Easton	1,520.09	1,062.69	259.88	2,842.66
Edgartown	-	145.00	-	145.00
Egremont	-	19.12	21.60	40.72
Erving	-	1,425.36	308.95	1,734.31
Essex	-	925.10	205.63	1,130.73
Essex County	179,905.76	-	-	179,905.76
Everett	61,162.04	810.10	-	61,972.14
Fairhaven	-	4,148.16	403.54	4,551.70
Fall River	85,514.00	82.65	-	85,596.65
Falmouth	4,367.48	108.50	-	4,475.98
Fitchburg	22,181.35	2,908.19	1,396.77	26,486.31





City, Town or County	Maintenance	Tuition	Trans- portation	Total
Florida	-	-	-	-
Foxborough	838.29	235.82	140.21	1,214.32
Framingham	13,583.18	6,223.66	1,775.70	21,582.54
Franklin	645.80	264.33	38.64	948.77
Freetown	-	1,039.44	352.04	1,391.48
Gardner	-	3,145.83	812.25	3,958.08
Gay Head	-	-	-	-
Georgetown	-	1,332.38	144.37	1,476.75
Gill	-	861.97	210.38	1,072.35
Gloucester	30,052.67	106.38	-	30,159.05
Goshen	-	169.65	145.50	315.15
Gosnold	-	-	-	-
Grafton	-	2,648.77	509.94	3,158.71
Granby	-	1,061.73	63.67	1,125.40
Granville	-	573.40	-	573.40
Great Barrington	-	652.85	259.38	912.23
Greenfield	33,094.13	327.73	163.05	33,584.91
Groton	-	310.55	81.00	391.55
Groveland	-	1,797.33	93.75	1,891.08
Hadley	1,798.16	413.40	140.20	2,351.76
Halifax	-	44.25	-	44.25
Hamilton	-	366.98	-	366.98
Hampden	-	2,455.37	456.39	2,911.76
Hancock	-	100.00	30.40	130.40
Hanover	293.08	740.69	218.95	1,252.72
Hanson	302.17	800.93	403.56	1,506.66
Hardwick	-	837.82	407.88	1,245.70
Harvard	-	14.40	-	14.40
Harwich	81.50	134.95	-	216.45
Hatfield	2,377.94	702.73	282.40	3,363.07
Haverhill	86,846.01	513.28	-	87,359.29
Hawley	-	898.44	610.00	1,508.44
Heath	-	673.86	426.25	1,100.11
Hingham	-	1,961.20	596.95	2,558.15
Hinsdale	-	1,213.20	439.07	1,652.27
Holbrook	783.36	1,381.88	349.90	2,520.14
Holden	-	2,162.11	248.30	2,410.41
Holland	-	525.43	264.00	789.43
Holliston	2,092.03	1,382.66	375.19	3,849.88
Holyoke	76,108.42	150.75	-	76,259.17
Hopedale	-	2,090.61	705.50	2,796.11
Hopkinton	-	1,779.58	670.61	2,450.19
Hubbardston	-	2,020.19	2,145.50	4,165.69
Hudson	6,647.64	399.60	72.80	7,120.04
Hull	522.25	1,040.67	384.00	1,946.92
Huntington	-	435.19	250.40	685.59
Ipswich	-	1,008.43	216.66	1,225.09
Kingston	-	14.55	-	14.55
Lakeville	164.68	2,075.74	520.00	2,760.42
Lancaster	-	1,144.00	519.58	1,663.58
Lanesborough	-	2,090.38	261.35	2,351.73
Lawrence	18,842.88	2,121.62	40.50	21,005.00





City, Town or County	Maintenance	Tuition	Trans- portation	Total
Lee	1,820.70	205.20	22.50	2,048.40
Leicester	-	3,050.79	368.90	3,419.69
Lenox	-	313.09	61.82	374.91
Leominster	22,740.36	3,749.69	1,379.54	27,869.59
Leverett	-	966.94	44.60	1,011.54
Lexington	3,630.37	2,730.89	220.81	6,582.07
Leyden	-	1,643.35	922.14	2,565.49
Lincoln	-	573.07	131.60	704.67
Littleton	-	300.00	-	300.00
Longmeadow	-	1,292.26	122.89	1,415.15
Lowell	75,973.98	362.20	-	76,336.18
Ludlow	-	4,562.68	565.44	5,128.12
Lunenburg	-	147.90	-	147.90
Lynn	101,269.25	330.63	-	101,599.88
Lynnfield	-	1,020.04	151.52	1,171.56
Malden	32,902.52	2,227.57	-	35,130.09
Manchester	472.03	376.66	76.13	924.82
Mansfield	-	617.45	150.08	767.53
Marblehead	-	968.59	105.53	1,074.12
Marion	147.00	713.08	-	865.08
Marlborough	6,697.57	615.75	178.45	7,491.77
Marshfield	1,490.79	216.62	7.25	1,714.66
Mashpee	-	320.22	-	320.22
Mattapoisett	-	742.51	232.54	975.05
Maynard	-	486.10	183.30	669.40
Medford	57,084.45	1,860.80	60.48	59,005.73
Medfield	-	297.17	84.80	381.97
Medway	-	181.70	-	181.70
Melrose	1,999.08	2,305.05	124.20	4,428.33
Mendon	-	470.00	161.90	631.90
Merrimac	-	1,213.42	92.77	1,306.19
Methuen	1,012.22	2,480.02	315.07	3,807.31
Middleborough	2,959.05	3,334.34	1,639.14	7,932.53
Middlefield	-	322.30	657.15	979.45
Middleton	-	505.60	138.75	644.35
Milford	-	1,496.84	528.00	2,024.84
Millbury	-	2,904.63	393.37	3,298.00
Millis	255.00	240.95	-	495.95
Millville	-	169.50	199.85	369.35
Milton	1,195.27	1,717.60	125.70	3,038.57
Monroe	-	153.11	-	153.11
Monson	-	2,283.01	1,028.00	3,311.01
Montague	-	1,980.29	546.98	2,527.27
Monterey	-	100.00	87.00	187.00
Montgomery	-	116.20	106.07	222.27
Mount Washington	-	-	-	-
Nahant	-	2,223.99	254.37	2,478.36
Nantucket	6,793.48	-	-	6,793.48
Natick	-	2,910.53	740.23	3,650.76
Needham	-	1,732.72	238.38	1,971.10
New Ashford	-	-	-	-
New Bedford	190,265.08	45.60	-	190,310.68





City, Town or County	Maintenance	Tuition	Trans- portation	Total
New Braintree	-	7.20	-	7.20
Nowbury	-	807.66	-	807.66
Newburyport	10,285.71	470.34	74.00	10,830.05
New Marlborough	-	116.10	85.80	201.90
New Salem	2,060.10	105.77	-	2,165.87
Newton	87,954.64	651.23	45.44	88,651.31
Norfolk	-	538.03	157.90	695.93
Norfolk County	95,772.10	-	-	95,772.10
North Adams	12,273.61	14.10	-	12,287.71
Northampton	46,537.45	360.00	89.69	46,987.14
North Andover	-	1,238.40	64.23	1,302.63
North Attleborough	468.07	197.09	53.65	718.81
Northborough	-	600.35	171.53	771.88
Northbridge	7,286.37	1,035.63	274.00	8,596.00
North Brookfield	-	1,653.37	696.75	2,350.12
Northfield	80.33	972.40	936.35	1,989.08
North Reading	-	2,503.09	649.35	3,152.44
Norton	538.73	1,129.60	180.01	1,848.34
Norwell	-	602.21	177.75	779.96
Norwood	32,837.62	1,779.65	385.66	35,002.93
Oak Bluffs	-	-	-	-
Oakham	-	173.70	-	173.70
Orange	2,068.31	2,253.78	1,161.97	5,484.06
Orleans	-	787.20	-	787.20
Otis	-	10.50	-	10.50
Oxford	-	2,247.47	408.92	2,656.39
Palmer	3,644.73	2,714.31	1,200.00	7,559.04
Paxton	-	794.72	-	794.72
Peabody	18,898.66	1,074.57	69.75	20,042.98
Pelham	-	106.42	61.98	168.40
Pembroke	1,603.23	347.48	128.25	2,078.96
Pepperell	-	1,450.19	429.40	1,879.59
Peru	-	17.10	-	17.10
Petersham	-	22.80	-	22.80
Phillipston	-	708.75	437.00	1,145.75
Pittsfield	60,368.65	-	-	60,368.65
Plainfield	-	87.50	79.75	167.25
Plainville	-	278.92	112.78	391.70
Plymouth	21.70	1,464.80	524.63	2,011.13
Plympton	-	341.84	164.57	506.41
Princeton	-	493.60	98.64	592.24
Provincetown	3,353.12	9.00	-	3,362.12
Quincy	62,710.48	1,822.13	198.18	64,730.79
Randolph	2,891.62	3,194.85	1,092.38	7,178.85
Raynham	-	838.40	-	838.40
Reading	-	1,324.97	14.25	1,339.22
Rehoboth	-	93.50	-	93.50
Revere	294.00	5,208.63	184.75	5,687.38
Richmond	-	766.35	-	766.35
Rochester	-	1,477.01	634.50	2,111.51
Rockland	621.79	2,566.59	597.60	3,785.98
Rockport	-	645.68	137.61	783.29





City, Town or County	Maintenance	Tuition	Trans- portation	Total
Rowe	-	-	-	-
Rowley	-	527.83	269.05	796.88
Royalston	-	308.49	71.62	380.11
Russell	-	784.33	280.02	1,064.35
Rutland	-	1,126.98	364.11	1,491.09
Salem	30,157.16	1,674.87	86.40	31,918.43
Salisbury	-	1,403.66	163.89	1,567.55
Sandisfield	-	-	-	-
Sandwich	-	298.42	301.25	599.67
Saugus	-	1,945.58	136.17	2,081.75
Savoy	-	84.00	-	84.00
Scituate	3,768.04	257.35	-	4,025.39
Seekonk	-	-	-	-
Sharon	-	186.19	26.50	212.69
Sheffield	-	30.60	-	30.60
Shelburne	4,377.80	20.40	-	4,398.20
Sherborn	-	90.79	-	90.79
Shirley	-	879.13	213.28	1,092.41
Shrewsbury	-	4,561.62	463.30	5,024.92
Shutesbury	-	444.03	-	444.03
Somerset	809.46	1,677.45	214.50	2,701.41
Somerville	78,378.26	2,086.10	-	80,464.36
Southampton	-	1,615.28	1,765.31	3,380.59
Southborough	-	1,042.00	412.81	1,454.81
Southbridge	35,148.03	609.63	235.68	35,993.34
South Hadley	-	2,686.66	300.67	2,987.33
Southwick	-	1,570.20	522.00	2,092.20
Spencer	201.75	3,512.53	826.70	4,540.98
Springfield	244,807.58	632.00	26.04	245,465.62
Sterling	-	3,109.85	869.45	3,979.30
Stockbridge	69.37	101.25	-	170.62
Stoneham	-	1,598.26	217.47	1,815.73
Stoughton	818.24	2,150.17	-	2,968.41
Stow	-	114.75	96.25	211.00
Sturbridge	-	4,144.84	1,101.36	5,246.20
Sudbury	-	992.84	277.26	1,270.10
Sunderland	-	350.28	-	350.28
Sutton	-	473.52	7.02	480.54
Swampscott	-	1,441.76	-	1,441.76
Swansea	2,137.88	524.83	44.45	2,707.16
Taunton	19,319.14	179.85	99.00	19,597.99
Templeton	4,157.10	586.96	190.99	4,935.05
Tewksbury	675.87	652.33	261.95	1,590.15
Tisbury	-	-	-	-
Tolland	-	80.00	-	80.00
Topsfield	-	488.10	129.75	617.85
Townsend	1,528.85	375.06	112.20	2,016.11
Truro	291.00	412.25	-	703.25
Tyngsborough	-	1,907.50	218.30	2,125.80
Tyringham	-	680.50	146.25	826.75
Upton	-	779.43	138.55	917.98
Uxbridge	-	763.70	193.13	956.83
Wakfield	204.43	1,795.58	249.15	2,249.16





City, Town or County	Maintenance	Tuition	Trans- portation	Total
Wales	-	60.69	-	60.69
Walpole	-	1,543.16	334.00	1,877.16
Waltham	42,858.63	1,457.31	-	44,315.94
Ware	1,873.40	3,583.69	2,197.50	7,654.59
Wareham	3,463.01	575.39	-	4,038.40
Warren	10.50	583.51	248.75	842.76
Warwick	-	718.17	-	718.17
Washington	-	360.00	-	360.00
Watertown	-	4,359.83	-	4,359.83
Wayland	-	705.38	244.86	950.24
Webster	24,642.72	811.26	365.01	25,818.99
Wellesley	1,064.27	1,246.33	150.15	2,460.75
Wellfleet	111.10	-	-	111.10
Wendell	-	1,046.08	-	1,046.08
Wenham	-	680.73	126.59	815.32
Westborough	-	1,499.80	399.68	1,899.48
West Boylston	-	1,168.05	219.55	1,387.60
West Bridgewater	1,706.84	935.80	211.00	2,933.64
West Brookfield	-	1,298.85	557.30	1,856.15
Westfield	39,725.55	1,816.24	311.48	41,853.27
Westford	-	2,496.88	689.99	3,186.87
Westhampton	-	90.65	83.00	173.65
Westminster	-	1,266.87	341.36	1,608.23
West Newbury	-	871.66	-	871.66
Weston	-	249.83	-	249.83
Westport	2,705.19	1,313.33	360.05	4,383.57
West Springfield	2,210.40	4,878.47	414.72	7,503.59
West Stockbridge	-	404.00	231.00	635.00
West Tisbury	-	-	-	-
Westwood	818.69	275.37	-	1,094.06
Weymouth	48,968.63	1,269.14	244.00	50,481.77
Whately	-	1,010.16	435.75	1,445.91
Whitman	437.44	1,309.35	220.80	1,967.59
Wilbraham	-	2,824.27	521.25	3,345.52
Williamsburg	-	2,269.47	508.50	2,777.97
Williamstown	2,462.78	167.21	-	2,629.99
Wilmington	1,078.85	1,156.02	96.76	2,331.63
Winchendon	2,135.96	409.66	197.00	2,742.62
Winchester	-	832.41	39.38	921.79
Windsor	-	-	-	-
Winthrop	-	2,671.13	288.00	2,959.13
Woburn	2,175.88	2,570.54	507.62	5,254.04
Worcester	276,677.77	2.25	-	276,680.02
Worthington	-	803.87	495.44	1,299.31
Wrentham	-	436.89	164.63	601.52
Yarmouth	475.00	124.31	-	599.31
TOTALS	3,595,699.85	392,922.23	89,409.47	4,078,031.55



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TABLE NO. 5 - Earnings of Vocational Agricultural pupils from projects and other supervised work during the periods covered by their school attendance.

A. School year ending August 31, 1954

Vocational Agricultural Schools and Departments	Enroll- ment	Ownership Projects	Other Supervised Agricultural Work	Prizes Won <sup>1</sup>	Total
	1	2	3	4	5
Schools					6
&					
Departments	1,315	481,928.68	997,325.30	7,545.51	1,488,711.99

<sup>1</sup> Prizes include: 6 firsts, 627 ribbons, 28 medals, 20 trips, 24 certificates, 1 book, 17 plaques, 3 rosettes, 2 scholarships (\$1600.00) and (\$100.00), 1 prize speaking (\$6.00).







TABLE NO. 6 Vital Statistics by types of Schools and Departments

for school year ending August 31, 1954

## Group I la. Day Industrial Schools (Boys)

1953-54	Enrollment	Number of Non-Residents	Membership at close of year	Average Membership	Percent of Attendance	Number of Graduates	Total Withdrawals	Total number of different teachers employed	Student hours
1	2	3	4	5	6	7	8	9	10
Abington	26	-	23	24.5	93.5	3	-	7	28,665
Arlington	177	11	137	149.6	93.1	29	71	11	162,532
Attleboro	64	5	42	57.2	91.8	13	9	6	66,924
Barnstable	44	8	16	32.5	92.3	3	25	8	35,124
Belmont	74	7	43	73.0	89.1	25	6	10	87,600
Beverly	162	39	124	143.3	95.7	17	61	14	154,617
Boston Trade	1290	140	954	105.5	87.3	214	122	88	1,109,487
Brockton	77	30	53	62.1	86.3	8	37	7	67,176
Cambridge	146	1	109	115.0	81.7	42	88	9	95,124
Chicopee	240	6	152	160.2	90.5	32	88	19	202,419
Dartmouth	45	-	38	42.1	94.2	10	22	13	45,372
Dighton	45	19	45	41.0	86.2	4	10	5	4,669
Everett	284	85	174	175.2	88.2	63	110	20	230,132
Fall River	352	36	246	299.6	96.0	41	118	21	316,350
Fitchburg	128	49	100	107.8	92.4	14	58	9	116,640
Framingham	32	3	18	26.3	94.9	8	15	3	28,482
Gloucester	146	21	139	141.8	94.2	32	8	17	150,120
Greenfield	183	61	141	142.8	89.3	46	33	13	152,514
Haverhill	398	136	238	348.2	94.0	106	174	33	429,840
Holyoke	313	71	200	223.0	92.0	28	140	19	242,226
Leominster	94	39	69	76.5	91.8	10	31	8	83,052
Lowell	321	114	234	275.3	93.2	21	120	20	297,720
Lynn Shoe	289	176	30	72.3	78.5	103	272	10	86,941
Lynn Vocational	240	34	208	218.6	92.2	64	-	19	229,218
Malden	140	23	105	113.9	90.0	30	5	11	137,705
Marlboro	46	4	34	36.6	90.5	6	18	2	35,214
Medford	284	85	165	249.0	93.0	70	49	18	268,920
Nantucket	33	-	32	30.5	87.5	9	11	6	32,706
New Bedford									
Gen. Voc	130	-	38	78.0	86.1	42	92	10	91,260
Vocational	525	130	371	460.5	94.0	64	90	40	549,679
Newburyport	52	17	36	47.8	92.2	12	19	9	51,288
Newton	334	116	243	267.6	91.6	49	28	35	290,622







## GROUP I 1a. Day Industrial Schools (Boys) (Cont'd.)

1	2	3	4	5	6	7	8	9	10
North Adams	52	12	48	46.9	92.9	14	22	5	54,983
Northampton	184	107	107	157.8	93.1	31	46	16	170,352
Northbridge	29	2	14	16.0	89.0	-	15	2	17,394
Norwood	31	6	28	28.3	94.5	-	4	6	28,836
Peabody	95	4	75	84.5	88.5	17	3	11	79,038
Pittsfield	327	62	271	294.1	92.1	75	141	18	294,906
Provincetown	22	3	12	14.9	95.4	3	8	5	3,240
Quincy	285	57	204	225.6	91.2	34	-	20	245,088
Salem	84	6	68	72.0	93.1	12	34	7	78,498
Shelburne	40	26	35	36.1	94.8	5	17	9	43,200
Somerville	268	36	151	211.0	88.0	59	60	23	206,204
Southbridge	143	51	93	114.4	92.7	11	30	13	143,232
Springfield	901	305	524	759.3	88.3	152	-	49	828,828
Swansea	16	-	14	14.5	90.0	5	7	8	17,786
Taunton	127	52	102	87.3	84.8	45	79	7	94,808
Waltham	181	42	107	125.6	92.6	24	91	12	143,252
Wareham	27	-	26	25.8	92.4	6	1	10	27,864
Webster	96	25	81	88.0	96.8	26	48	12	94,992
Westfield	136	34	108	118.6	93.5	13	13	10	393,670
Weymouth	236	71	159	203.1	91.6	37	-	17	200,838
Worcester	1068	339	838	882.8	93.8	113	324	69	1,072,972
Total for type of School	11062	2706	7622	8003.9	91.2	1900	2873	849	10,120,319

GROUP I 1a<sup>1</sup>. Unit Trade Type C - Trade Preparatory

Plymouth	51	19	30	31.7	73.5	-	19	2	2,870
Waltham	7	7	6	6.5	96.6	-	1	2	1,482
Total for type of school	58	26	36	38.2	85.1	-	20	4	4,352

## GROUP I 1b. Day Industrial Schools (Girls)

Boston	277	40	198	216.0	90.9	20	79	19	224,860
Fall River	85	5	22	46.0	88.8	18	-	4	49,668
Norwood	100	56	50	83.0	92.7	24	53	14	89,316
Springfield	276	79	106	193.5	88.5	81	197	17	211,785
Worcester	328	128	206	231.7	89.7	59	170	30	29,160
Total for type of school	1066	308	582	770.2	90.1	202	499	84	604,789







GROUP I 1b<sup>1</sup>. Unit Trade Type C - Trade Preparatory

1	2	3	4	5	6	7	8	9	10
Boston	33	-	33	33.0	100.0	-	-	2	792
Lowell	79	-	42	75.2	98.4	72	7	2	3,108
Springfield	18	-	7	7.0	75.0	1	11	2	501
Taunton	125	-	102	90.7	78.7	80	-	4	94,808
Total for type of school	255	-	184	205.9	88.0	153	18	10	99,209

## GROUP I 1c. Industrial Departments

Boston									
Brighton	256	-	154	178.0	86.0	-	128	11	238,140
Charlestown	119	2	102	103.0	92.0	-	34	9	68,495
Dorchester	120	1	86	103.0	76.0	-	34	12	111,600
East Boston	58	6	43	49.0	88.0	-	27	8	63,465
Hyde Park	107	3	102	10.5	88.0	-	31	7	102,605
Roxbury	154	-	99	111.2	89.1	-	20	11	193,030
South Boston	140	-	81	87.0	89.5	-	27	8	81,148
Total for type of school	954	12	667	640.7	86.9	-	301	66	858,483

## GROUP I 2a. Part-Time Cooperative

Arlington	7	-	7	5.1	97.3	7	7	7	5,045
Beverly	39	20	31	33.1	96.0	13	20	5	40,349
Boston									
Brighton	118	1	41	67.0	91.0	21	79	9	138,337
Charlestown	179	-	165	158.0	96.0	51	21	8	222,645
Dorchester	80	-	42	38.0	82.5	24	35	13	49,292
East Boston	81	7	63	72.0	93.5	4	-	9	93,240
Hyde Park	128	4	96	106.0	97.5	40	2	8	91,500
Roxbury	165	-	118	116.2	96.0	26	37	12	51,547
South Boston	58	-	46	48.0	94.0	18	4	7	70,667
Haverhill	37	14	37	25.5	94.5	37	37	9	39,960
Holyoke	37	11	23	20.4	92.0	10	32	8	25,126
Newton	36	14	33	30.5	96.6	21	29	35	32,436
Northampton	6	2	5	6.0	100.0	6	-	11	2,372
Pittsfield	24	7	2	16.1	94.3	21	22	12	21,189
Southbridge	28	6	12	15.3	98.7	8	7	7	35,178
Springfield	117	29	34	64.0	94.1	64	-	27	69,846
Waltham	27	11	12	14.2	95.3	11	15	2	22,575
Westfield	4	1	4	4.0	100.0	4	4	10	1,481
Total for type of school	1171	127	771	839.4	95.0	386	351	199	1,012,783



Station	Depth (m)	Temperature (°C)	Salinity (PSU)	Density (kg/m³)	Current (cm/s)	Wind Speed (m/s)	Wave Height (m)
1	10	18.5	35.2	1025.2	1.2	2.5	0.5
2	20	17.8	35.1	1025.1	1.5	2.8	0.6
3	30	17.2	35.0	1025.0	1.8	3.0	0.7
4	40	16.5	34.9	1024.9	2.0	3.2	0.8
5	50	15.8	34.8	1024.8	2.2	3.5	0.9
6	60	15.1	34.7	1024.7	2.5	3.8	1.0
7	70	14.4	34.6	1024.6	2.8	4.0	1.1
8	80	13.7	34.5	1024.5	3.0	4.2	1.2
9	90	13.0	34.4	1024.4	3.2	4.5	1.3
10	100	12.3	34.3	1024.3	3.5	4.8	1.4

Table 2. Summary of the data collected during the survey.

Station	Depth (m)	Temperature (°C)	Salinity (PSU)	Density (kg/m³)	Current (cm/s)	Wind Speed (m/s)	Wave Height (m)
1	10	18.5	35.2	1025.2	1.2	2.5	0.5
2	20	17.8	35.1	1025.1	1.5	2.8	0.6
3	30	17.2	35.0	1025.0	1.8	3.0	0.7
4	40	16.5	34.9	1024.9	2.0	3.2	0.8
5	50	15.8	34.8	1024.8	2.2	3.5	0.9
6	60	15.1	34.7	1024.7	2.5	3.8	1.0
7	70	14.4	34.6	1024.6	2.8	4.0	1.1
8	80	13.7	34.5	1024.5	3.0	4.2	1.2
9	90	13.0	34.4	1024.4	3.2	4.5	1.3
10	100	12.3	34.3	1024.3	3.5	4.8	1.4

Table 3. Summary of the data collected during the survey.

Station	Depth (m)	Temperature (°C)	Salinity (PSU)	Density (kg/m³)	Current (cm/s)	Wind Speed (m/s)	Wave Height (m)
1	10	18.5	35.2	1025.2	1.2	2.5	0.5
2	20	17.8	35.1	1025.1	1.5	2.8	0.6
3	30	17.2	35.0	1025.0	1.8	3.0	0.7
4	40	16.5	34.9	1024.9	2.0	3.2	0.8
5	50	15.8	34.8	1024.8	2.2	3.5	0.9
6	60	15.1	34.7	1024.7	2.5	3.8	1.0
7	70	14.4	34.6	1024.6	2.8	4.0	1.1
8	80	13.7	34.5	1024.5	3.0	4.2	1.2
9	90	13.0	34.4	1024.4	3.2	4.5	1.3
10	100	12.3	34.3	1024.3	3.5	4.8	1.4



## GROUP I 2b. Men's Evening Trade

1	2	3	4	5	6	7	8	9	10
Arlington	107	24	51	62.4	76.3	-	56	5	5,247
Attleboro	5	2	3	3.5	60.0	-	2	2	450
Beverly	121	66	66	90.3	76.6	-	55	6	7,224
Boston Trade	892	104	600	431.0	78.2	-	460	34	67,400
Brockton	37	14	20	24.3	82.3	-	17	3	3,657
Chicopee	302	-	205	23.4	86.8	-	97	10	1,845
Everett	96	14	80	84.0	67.0	-	38	2	9,536
Fall River	159	6	103	110.4	80.5	-	56	8	7,456
Fitchburg	144	40	154	151.9	81.9	-	67	5	4,734
Framingham	69	43	31	34.8	69.9	-	38	7	5,217
Greenfield	49	21	29	12.1	84.0	-	20	3	2,343
Haverhill	235	98	98	122.9	77.4	-	137	16	14,742
Holyoke	204	35	87	105.5	85.0	-	117	9	11,754
Lawrence	228	59	115	135.1	83.8	-	116	12	13,604
Leominster	30	-	20	14.1	82.9	-	10	5	1,693
Lowell	111	-	77	91.0	79.5	-	34	9	8,667
Lynn Shoe	156	110	66	84.4	81.0	-	90	12	6,354
Lynn Voc.	392	98	212	244.4	85.7	-	180	15	29,439
Malden	83	18	30	25.6	84.8	-	52	5	3,970
Marlboro	37	9	23	26.0	80.0	8	14	2	3,215
Medford	60	31	36	45.0	76.0	-	24	3	3,960
New Bedford	585	229	328	413.7	91.8	-	264	35	33,094
Newton	393	81	190	223.4	79.2	-	203	11	22,278
North Adams	71	28	37	53.6	81.3	25	34	2	1,534
Northampton	63	-	29	36.3	60.0	16	33	3	1,491
Pittsfield	123	29	73	77.3	71.1	-	50	5	7,980
Quincy	311	93	159	222.4	78.2	-	152	7	9,240
Somerville	165	19	100	131.5	82.3	-	65	5	13,044
Southbridge	29	3	23	23.3	77.6	-	10	4	1,864
Springfield	784	214	428	513.0	86.2	315	353	34	40,097
Taunton	160	8	105	46.9	76.0	-	55	4	6,957
Waltham	59	4	22	32.8	80.5	-	37	4	3,930
Westfield	102	16	38	60.6	74.2	-	64	9	11,958
Worcester	960	457	480	212.0	80.4	-	480	41	65,164
Total for type of school	7322	1973	4118	4098.8	78.8	364	3480	337	431,138

## GROUP I 2c. Part-time Apprenticeship

Attleboro	18	5	11	14.4	75.3	-	6	2	1,650
Barnstable	21	17	11	15.4	86.4	3	10	2	1,877
Beverly	63	44	47	51.1	68.4	-	16	4	6,642
Boston	964	447	724	748.7	78.8	-	240	54	80,259
Brockton	153	79	99	10.4	73.9	-	54	12	15,597
Fall River	49	6	38	35.7	67.0	-	11	3	3,054







## GROUP I 2c. Part-time Apprenticeship (Cont'd.)

1	2	3	4	5	6	7	8	9	10
Fitchburg	149	75	84	98.6	81.1	-	65	7	11,793
Framingham	20	13	17	15.8	77.1	15	3	-	2,376
Gloucester	11	-	11	10.9	78.0	-	-	2	480
Greenfield	12	3	9	9.7	74.1	9	3	3	1,080
Haverhill	93	65	64	60.9	71.0	-	29	11	7,302
Holyoke	84	33	55	57.4	83.0	-	29	6	6,753
Lawrence	108	21	72	79.1	77.4	-	36	7	7,393
Leominster	39	18	22	27.8	70.8	-	6	6	4,494
Lowell	115	-	78	92.2	74.2	78	37	9	8,918
Lynn	47	16	35	31.6	73.4	-	12	5	4,668
Malden	74	47	51	41.8	64.0	-	-	5	6,311
Marlboro	26	17	21	11.5	80.5	13	6	3	1,950
Medford	268	233	185	182.0	77.0	-	83	10	27,300
New Bedford	60	12	32	42.3	77.7	-	28	5	247,100
Newton	61	23	47	45.1	83.3	-	14	10	5,586
Northampton	51	-	45	55.1	59.0	19	33	3	1,790
Pittsfield	290	157	259	249.1	78.4	38	99	16	42,672
Quincy	58	31	44	45.5	81.0	17	14	5	5,526
Southbridge	15	6	6	10.3	77.2	3	9	2	824
Springfield	309	147	223	211.6	74.5	-	85	24	63,692
Taunton	63	15	31	44.0	61.9	6	36	4	605
Weymouth	52	43	33	34.8	75.7	-	18	3	3,671
Worcester	127	47	104	97.0	72.6	4	23	13	10,593
Total for type of School	3400	1620	2458	2429.8	74.9	205	1005	236	581,956

## GROUP II. Continuation Schools

Andover	2	-	11	1.1	98.0	-	1	1	160
Boston	231	5	81	97.0	81.2	12	74	4	11,012
Cambridge	2	2	-	2.0	100.0	-	2	12	128
Lowell	43	-	17	25.6	95.3	16	-	2	3,552
New Bedford	75	1	31	28.7	83.0	31	44	16	3,864
Salem	-	-	-	-	-	-	-	-	-
Somerville	-	-	-	-	-	-	-	-	-
Springfield	-	-	-	-	-	-	-	-	-
Taunton	10	-	4	7.6	88.6	2	-	3	2,307
Total for type of School	363	8	144	162.0	91.0	61	121	38	21,023



THE UNIVERSITY OF CHICAGO PRESS

1	1870-1871	1870-1871
2	1871-1872	1871-1872
3	1872-1873	1872-1873
4	1873-1874	1873-1874
5	1874-1875	1874-1875
6	1875-1876	1875-1876
7	1876-1877	1876-1877
8	1877-1878	1877-1878
9	1878-1879	1878-1879
10	1879-1880	1879-1880
11	1880-1881	1880-1881
12	1881-1882	1881-1882
13	1882-1883	1882-1883
14	1883-1884	1883-1884
15	1884-1885	1884-1885
16	1885-1886	1885-1886
17	1886-1887	1886-1887
18	1887-1888	1887-1888
19	1888-1889	1888-1889
20	1889-1890	1889-1890
21	1890-1891	1890-1891
22	1891-1892	1891-1892
23	1892-1893	1892-1893
24	1893-1894	1893-1894
25	1894-1895	1894-1895
26	1895-1896	1895-1896
27	1896-1897	1896-1897
28	1897-1898	1897-1898
29	1898-1899	1898-1899
30	1899-1900	1899-1900
31	1900-1901	1900-1901
32	1901-1902	1901-1902
33	1902-1903	1902-1903
34	1903-1904	1903-1904
35	1904-1905	1904-1905
36	1905-1906	1905-1906
37	1906-1907	1906-1907
38	1907-1908	1907-1908
39	1908-1909	1908-1909
40	1909-1910	1909-1910
41	1910-1911	1910-1911
42	1911-1912	1911-1912
43	1912-1913	1912-1913
44	1913-1914	1913-1914
45	1914-1915	1914-1915
46	1915-1916	1915-1916
47	1916-1917	1916-1917
48	1917-1918	1917-1918
49	1918-1919	1918-1919
50	1919-1920	1919-1920
51	1920-1921	1920-1921
52	1921-1922	1921-1922
53	1922-1923	1922-1923
54	1923-1924	1923-1924
55	1924-1925	1924-1925
56	1925-1926	1925-1926
57	1926-1927	1926-1927
58	1927-1928	1927-1928
59	1928-1929	1928-1929
60	1929-1930	1929-1930
61	1930-1931	1930-1931
62	1931-1932	1931-1932
63	1932-1933	1932-1933
64	1933-1934	1933-1934
65	1934-1935	1934-1935
66	1935-1936	1935-1936
67	1936-1937	1936-1937
68	1937-1938	1937-1938
69	1938-1939	1938-1939
70	1939-1940	1939-1940
71	1940-1941	1940-1941
72	1941-1942	1941-1942
73	1942-1943	1942-1943
74	1943-1944	1943-1944
75	1944-1945	1944-1945
76	1945-1946	1945-1946
77	1946-1947	1946-1947
78	1947-1948	1947-1948
79	1948-1949	1948-1949
80	1949-1950	1949-1950
81	1950-1951	1950-1951
82	1951-1952	1951-1952
83	1952-1953	1952-1953
84	1953-1954	1953-1954
85	1954-1955	1954-1955
86	1955-1956	1955-1956
87	1956-1957	1956-1957
88	1957-1958	1957-1958
89	1958-1959	1958-1959
90	1959-1960	1959-1960
91	1960-1961	1960-1961
92	1961-1962	1961-1962
93	1962-1963	1962-1963
94	1963-1964	1963-1964
95	1964-1965	1964-1965
96	1965-1966	1965-1966
97	1966-1967	1966-1967
98	1967-1968	1967-1968
99	1968-1969	1968-1969
100	1969-1970	1969-1970

THE UNIVERSITY OF CHICAGO PRESS

1	1870-1871	1870-1871
2	1871-1872	1871-1872
3	1872-1873	1872-1873
4	1873-1874	1873-1874
5	1874-1875	1874-1875
6	1875-1876	1875-1876
7	1876-1877	1876-1877
8	1877-1878	1877-1878
9	1878-1879	1878-1879
10	1879-1880	1879-1880
11	1880-1881	1880-1881
12	1881-1882	1881-1882
13	1882-1883	1882-1883
14	1883-1884	1883-1884
15	1884-1885	1884-1885
16	1885-1886	1885-1886
17	1886-1887	1886-1887
18	1887-1888	1887-1888
19	1888-1889	1888-1889
20	1889-1890	1889-1890
21	1890-1891	1890-1891
22	1891-1892	1891-1892
23	1892-1893	1892-1893
24	1893-1894	1893-1894
25	1894-1895	1894-1895
26	1895-1896	1895-1896
27	1896-1897	1896-1897
28	1897-1898	1897-1898
29	1898-1899	1898-1899
30	1899-1900	1899-1900
31	1900-1901	1900-1901
32	1901-1902	1901-1902
33	1902-1903	1902-1903
34	1903-1904	1903-1904
35	1904-1905	1904-1905
36	1905-1906	1905-1906
37	1906-1907	1906-1907
38	1907-1908	1907-1908
39	1908-1909	1908-1909
40	1909-1910	1909-1910
41	1910-1911	1910-1911
42	1911-1912	1911-1912
43	1912-1913	1912-1913
44	1913-1914	1913-1914
45	1914-1915	1914-1915
46	1915-1916	1915-1916
47	1916-1917	1916-1917
48	1917-1918	1917-1918
49	1918-1919	1918-1919
50	1919-1920	1919-1920
51	1920-1921	1920-1921
52	1921-1922	1921-1922
53	1922-1923	1922-1923
54	1923-1924	1923-1924
55	1924-1925	1924-1925
56	1925-1926	1925-1926
57	1926-1927	1926-1927
58	1927-1928	1927-1928
59	1928-1929	1928-1929
60	1929-1930	1929-1930
61	1930-1931	1930-1931
62	1931-1932	1931-1932
63	1932-1933	1932-1933
64	1933-1934	1933-1934
65	1934-1935	1934-1935
66	1935-1936	1935-1936
67	1936-1937	1936-1937
68	1937-1938	1937-1938
69	1938-1939	1938-1939
70	1939-1940	1939-1940
71	1940-1941	1940-1941
72	1941-1942	1941-1942
73	1942-1943	1942-1943
74	1943-1944	1943-1944
75	1944-1945	1944-1945
76	1945-1946	1945-1946
77	1946-1947	1946-1947
78	1947-1948	1947-1948
79	1948-1949	1948-1949
80	1949-1950	1949-1950
81	1950-1951	1950-1951
82	1951-1952	1951-1952
83	1952-1953	1952-1953
84	1953-1954	1953-1954
85	1954-1955	1954-1955
86	1955-1956	1955-1956
87	1956-1957	1956-1957
88	1957-1958	1957-1958
89	1958-1959	1958-1959
90	1959-1960	1959-1960
91	1960-1961	1960-1961
92	1961-1962	1961-1962
93	1962-1963	1962-1963
94	1963-1964	1963-1964
95	1964-1965	1964-1965
96	1965-1966	1965-1966
97	1966-1967	1966-1967
98	1967-1968	1967-1968
99	1968-1969	1968-1969
100	1969-1970	1969-1970



## GROUP III 1a. Household Arts Schools

1	2	3	4	5	6	7	8	9	10
Cambridge	43	1	20	20.5	76.7	1	6	6	27,972
Essex County	96	1	56	67.0	89.0	24	39	10	64,800
Everett	33	8	13	24.5	90.8	10	19	3	24,042
Fall River	64	2	31	43.0	88.8	-	10	8	46,344
Fitchburg	15	1	9	12.0	84.1	5	14	2	12,582
Holyoke	22	1	13	16.5	86.7	5	9	5	15,600
Lowell	104	21	43	80.1	90.2	26	70	11	86,490
New Bedford	240	58	162	220.9	93.1	42	78	19	243,488
New Bedford	62	3	37	34.4	82.0	21	40	6	30,624
Northampton	47	36	23	42.8	92.2	17	7	9	46,266
Salem	24	-	17	20.1	89.9	6	15	3	12,000
Somerville	15	-	12	13.4	91.8	2	4	-	6,726
Springfield	35	10	22	25.6	88.1	4	19	6	27,936
Taunton	14	1	8	8.6	83.1	-	4	2	9,350
Worcester	74	35	54	59.4	87.5	12	20	9	66,180
Total for type of school	888	178	520	688.8	87.6	175	354	99	720,800

## GROUP III 1b. Household Arts Departments

Adams	28	6	23	24.4	96.9	15	5	2	11,430
Agawam	21	-	20	20.2	93.0	4	14	2	14,588
Avon	12	-	11	10.6	97.0	-	12	2	3,817
Barnstable	9	1	7	7.8	89.1	3	5	3	6,112
Belchertown	13	-	13	13.0	90.0	7	7	2	3,510
Beverly	34	4	19	30.1	93.0	5	-	4	10,650
Boston	93	1	85	80.0	83.0	23	-	14	84,800
Bourne	19	-	19	18.4	94.6	-	-	2	5,238
Brockton	44	-	38	38.8	93.0	14	23	8	16,831
Charlton	18	-	14	18.0	94.5	3	8	2	5,265
Marlborough	10	-	9	9.3	90.8	4	-	6	4,320
Duxbury	10	-	9	9.5	95.0	9	1	2	2,565
Easton	24	-	23	21.6	91.9	-	1	2	10,737
Everett	33	8	13	24.5	90.7	10	19	-	24,042
Fall River	18	-	15	14.8	90.0	-	3	4	16,458
Falmouth	15	-	9	12.0	83.3	5	6	3	3,384
Foxboro	26	-	23	24.0	93.0	3	2	3	6,768
Greenfield	103	3	90	95.5	92.4	24	-	7	85,030
Hadley	11	-	8	8.5	94.6	-	-	-	4,000
Haverhill	103	6	61	80.1	88.7	13	42	11	38,173
Holbrook	12	-	11	10.6	97.0	-	12	2	3,817
Holliston	25	-	25	24.5	94.8	7	16	2	9,555
Hudson	19	4	17	17.1	94.9	12	15	2	15,036
Lee	13	-	11	12.2	95.3	-	2	2	11,765
Lexington	26	-	23	24.6	93.1	-	3	3	7,191
Marshfield	24	-	21	19.8	93.8	6	-	2	4,236
Newburyport	79	22	65	67.8	89.4	23	29	3	30,160







## GROUP III 1b. Household Arts Departments (Cont'd.)

1	2	3	4	5	6	7	8	9	10
New Salem	25	13	25	22.7	97.0	8	10	2	4,560
North Adams	28	10	24	25.2	93.6	10	26	7	12,711
Northbridge	34	-	25	27.8	94.8	5	29	2	13,562
Norton	29	-	16	28.8	88.9	6	16	2	598
Orange	33	4	30	32.5	92.8	1	-	2	9,911
Palmer	29	-	29	29.0	100.0	-	-	3	28,869
Pembroke	11	-	10	9.6	97.9	-	13	2	3,400
Pittsfield	64	9	53	57.5	92.4	20	41	4	57,510
Provincetown	6	2	5	5.5	92.5	4	1	2	1,140
Randolph	42	2	13	40.2	88.1	14	29	3	15,444
Scituate	34	-	32	32.5	95.1	13	-	3	36,440
Shelburne	42	35	36	34.6	94.5	6	42	3	11,555
Somerville	17	-	13	11.9	77.0	2	4	5	1,650
Templeton	22	4	20	20.4	93.0	6	13	2	4,560
Tewksbury	35	1	35	31.9	93.6	3	-	2	9,990
Townsend	11	-	11	10.2	93.0	-	3	2	3,960
Ware	26	1	24	23.9	98.2	-	-	2	9,360
Wareham	28	-	27	27.0	91.5	9	1	2	4,887
Webster	51	13	38	20.7	97.8	7	12	6	8,925
West Bridgewater	12	-	12	11.4	90.9	-	11	2	3,181
Westport	31	15	23	25.3	91.2	11	21	2	10,351
Winchendon	24	1	22	22.5	95.4	12	-	2	5,807
Total for type of school	1476	170	1205	1289.3	92.7	327	497	157	702,849

## GROUP III 3. Evening Practical Art Schools

Abington	110	15	-	82.4	81.8	-	-	10	4,923
Amherst	153	-	-	139.9	78.1	-	-	5	7,413
Andover	125	14	-	91.7	90.8	-	-	7	5,568
Arlington	947	-	-	830.0	91.5	-	-	27	229,478
Athol	118	-	-	117.0	81.7	-	-	5	6,996
Barnstable	78	8	-	67.1	81.1	-	-	7	4,026
Belmont	61	1	-	58.0	91.0	-	-	3	3,480
Barnardston	53	-	-	25.7	71.1	-	-	2	1,420
Beverly	464	100	-	378.5	84.2	-	-	14	21,948
Boston	2399	10	-	1966.0	80.2	-	-	58	131,004
Braintree	199	-	-	167.8	67.2	-	-	9	10,065
Bridgewater	146	15	-	117.8	82.2	-	-	5	7,074
Brockton	651	149	-	533.4	89.0	-	-	12	27,615
Brookline	1250	58	-	1250.0	82.5	-	-	31	50,814
Darlington	84	3	-	81.7	86.0	-	-	4	2,265
Cambridge	266	-	-	184.8	78.4	-	-	10	14,661
Carver	35	3	-	31.1	84.8	-	-	3	1,923
Chicopee	790	-	-	483.2	73.8	-	-	21	36,228
Clinton	99	10	-	30.2	86.5	-	-	4	4,479
Cohasset	89	6	-	30.0	94.0	-	-	4	1,893
Dartmouth	38	-	-	38.0	81.3	-	-	3	1,140







## GROUP III 3. Evening Practical Art Schools (Cont'd.)

1	2	3	4	5	6	7	8	9	10
Deerfield	56	9	-	47.0	79.1	-	-	4	2,820
Dennis	41	1	-	20.5	66.5	-	-	3	1,236
Dover	61	-	-	58.0	86.2	-	-	4	3,000
Duxbury	57	-	-	47.1	81.7	-	-	4	2,664
Easthampton	119	7	-	93.5	87.8	-	-	4	7,128
East Longmeadow	70	-	-	64.0	63.3	-	-	6	3,840
Essex County	850	-	-	101.4	88.9	-	-	18	41,134
Everett	193	-	-	60.3	76.8	-	-	8	7,966
Fall River	309	12	-	276.4	85.7	-	-	11	15,252
Falmouth	69	-	-	58.4	98.8	-	-	6	1,842
Franklin	121	25	-	102.8	85.8	-	-	6	6,180
Gloucester	283	-	-	247.0	81.1	-	-	8	21,060
Greenfield	216	47	-	188.3	83.2	-	-	10	9,405
Hanover	68	17	-	64.1	87.3	-	-	3	3,846
Hanson	51	17	-	40.9	90.0	-	-	4	2,454
Harwich	18	-	-	18.0	80.0	-	-	3	540
Haverhill	293	34	-	171.4	84.8	-	-	6	8,712
Holbrook	55	-	-	44.1	76.0	-	-	4	2,510
Holyoke	596	47	-	557.0	95.0	-	-	23	30,129
Hudson	38	-	-	38.0	60.2	-	-	4	2,100
Hull	71	-	-	71.0	52.0	-	-	6	4,260
Lakeville	35	1	-	28.9	77.5	-	-	2	1,731
Lawrence	679	47	-	463.4	90.2	-	-	31	36,223
Leominster	392	-	-	141.1	82.9	-	-	14	21,707
Lexington	587	-	-	506.0	90.8	-	-	20	29,457
Lowell	601	-	-	401.5	86.6	-	-	16	24,681
Lynn	879	172	-	734.6	87.6	-	-	26	56,224
Manchester	51	-	-	44.0	88.3	-	-	4	2,637
Marion	17	-	-	15.8	85.4	-	-	3	945
Medford	655	21	-	419.3	85.0	-	-	18	26,155
Melrose	290	-	-	276.2	82.6	-	-	13	16,560
Methuen	103	-	-	91.4	87.3	-	-	4	7,689
Millis	110	-	-	83.8	76.7	-	-	3	5,028
Milton	206	-	-	85.0	85.8	-	-	9	8,373
Nantucket	17	-	-	17.0	89.4	-	-	2	456
New Bedford	1041	225	-	818.1	81.0	-	-	25	45,024
Newton	1210	13	-	858.7	82.0	-	-	35	54,126
North Adams	205	59	-	130.6	82.3	-	-	8	7,402
Northampton	233	59	-	133.4	84.6	-	-	12	8,868
North Attleboro	107	-	-	92.5	73.8	-	-	6	4,098
Northbridge	96	2	-	71.5	77.8	-	-	3	4,344
Northfield	109	-	-	100.0	95.0	-	-	5	3,060
Norwood	318	44	-	314.8	98.6	-	-	11	14,358
Palmer	132	-	-	124.5	81.3	-	-	5	9,654
Pembroke	31	2	-	28.8	74.0	-	-	2	642
Pittsfield	486	63	-	445.8	84.0	-	-	11	21,960
Provincetown	34	-	-	32.4	90.7	-	-	3	1,740
Quincy	1225	11	-	951.7	84.2	-	-	26	56,742
Randolph	80	-	-	60.7	77.0	-	-	6	2,820
Revere	111	-	-	102.1	88.3	-	-	5	3,060



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## GROUP III 3. Evening Practical Art Schools (Cont'd.)

1	2	3	4	5	6	7	8	9	10
Rockland	97	-	-	97.0	81.3	-	-	4	4,878
Salem	411	28	-	103.0	80.3	-	-	13	19,140
Soituate	123	7	-	101.8	77.6	-	-	7	5,781
Somerset	105	-	-	73.0	88.0	-	-	4	3,060
Somerville	342	1	-	235.0	78.9	-	-	8	12,096
Southbridge	124	4	-	107.6	88.2	-	-	5	6,704
South Hadley	43	-	-	35.0	90.0	-	-	2	1,563
Spencer	36	11	-	27.7	95.6	-	-	3	360
Springfield	3787	789	-	1930.1	84.0	-	-	63	154,701
Stoughton	175	-	-	56.2	86.2	-	-	5	7,245
Swansea	62	-	-	54.0	92.0	-	-	5	3,027
Taunton	384	28	-	132.0	78.1	-	-	10	16,688
Truro	36	-	-	30.3	78.1	-	-	4	2,337
Wakefield	151	-	-	151.0	89.0	-	-	10	4,530
Waltham	257	-	-	187.7	89.3	-	-	8	10,112
Ware	90	18	-	68.6	78.8	-	-	3	4,106
Wareham	68	-	-	55.6	82.0	-	-	2	3,342
Warren	18	-	-	13.0	85.0	-	-	2	780
Webster	112	-	-	81.8	83.5	-	-	3	2,445
Wellesley	179	31	-	126.5	82.3	-	-	7	7,833
Wellfleet	62	-	-	51.5	86.9	-	-	3	2,028
Westfield	371	48	-	217.3	81.5	-	-	12	16,461
Westwood	134	7	-	117.4	90.6	-	-	6	6,690
Weymouth	366	-	-	302.0	97.0	-	-	20	18,120
Whitman	73	-	-	65.5	80.3	-	-	7	3,921
Wilmington	257	35	-	202.5	77.1	-	-	13	11,395
Winchendon	39	-	-	34.6	79.5	-	-	2	1,668
Woburn	409	3	-	389.2	86.4	-	-	17	23,372
Worcester	1221	212	-	809.4	87.3	-	-	25	57,600
Yarmouth	69	-	-	46.0	80.4	-	-	2	1,623
Total for type of school	31,381	2549	-	22,628.7	84.4	-	-	992	1,641,861

## GROUP IV 1a. Agricultural Schools

Bristol County	161	33	120	152.1	89.8	17	41	14	106,739
Essex County	323	32	146	183.8	91.5	32	159	13	375,151
Norfolk County	192	27	132	144.0	93.0	21	28	17	290,525
Weymouth Branch	48	8	39	40.0	93.8	7	4	2	74,045
Northampton	16	15	11	14.0	97.4	1	5	8	11,622
Total for type of school	740	120	448	533.9	93.1	78	237	59	858,082







## GROUP IV 1b. Agricultural Departments

1	2	3	4	5	6	7	8	9	10
Agawam	26	6	19	24.4	96.8	4	7	2	3,462
Ashfield	9	1	9	9.0	95.1	1	1	2	3,906
Barnstable	22	2	20	21.7	89.9	4	2	5	54,249
Boston	131	6	87	113.9	87.0	15	29	5	25,786
Bridgewater	19	1	15	17.0	89.8	4	4	2	14,820
Charlton	12	-	12	12.0	93.5	5	-	2	21,062
Dartmouth	26	-	21	22.5	93.0	4	9	3	39,764
Deerfield	20	9	9	18.5	92.9	1	11	2	14,801
Falmouth	9	-	7	7.1	93.1	1	2	2	13,343
Hatfield	11	-	10	10.0	87.0	2	1	2	19,432
Hudson	32	21	25	28.5	90.7	4	7	4	59,535
Middleboro	21	6	18	20.3	95.0	1	10	3	21,252
New Salem	59	55	51	55.4	91.8	8	8	3	42,249
Shelburne	38	33	30	34.0	96.2	5	8	3	13,770
Stockbridge	22	20	14	17.3	96.9	2	8	2	37,233
Templeton	33	17	27	31.0	93.6	3	6	4	30,023
Westfield	17	6	16	15.9	92.2	3	1	2	17,161
Westport	15	-	10	15.0	95.0	5	5	2	13,000
West Springfield	16	10	10	12.7	91.2	1	6	2	13,284
Williamstown	20	1	14	18.5	84.0	4	8	2	10,267
Worcester	60	31	66	64.0	91.0	2	16	5	54,000
Total for type of school	618	225	490	568.7	92.2	79	149	59	522,399

## GROUP IV 3. Agricultural Schools &amp; Departments - Evening

Bristol County	185	14	185	-	80.0	-	-	9	7,770
Dartmouth	15	-	13	-	84.6	-	2	2	630
Essex County	155	35	155	-	80.2	-	52	18	6,510
New Salem	15	-	15	-	90.0	-	8	4	630
Templeton	16	-	16	-	96.6	-	-	3	672
Westport	21	-	21	-	95.0	-	-	2	882
Total for type of school	407	49	405	-	87.7	-	62	38	17,094

## GROUP V 1a. Part-time Cooperative Distributive Education

Boston									
Dorchester	23	-	19	21.0	89.9	19	4	5	11,400
East Boston	39	1	38	38.0	92.3	38	1	2	46,208
Jamaica Plain	16	2	15	15.4	95.0	13	1	3	26,152
Roxbury Memorial	18	-	15	16.7	92.0	16	3	3	19,415
Brockton	26	-	25	25.9	93.4	25	-	3	28,080
Chicopee	22	-	20	20.9	90.4	19	2	3	17,478



1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	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## GROUP V 1a. Part-time Cooperative Distributive Education (Cont'd.)

1	2	3	4	5	6	7	8	9	10
Haverhill	15	-	14	14.7	95.1	13	1	3	18,291
Holyoke	8	-	8	8.0	96.1	8	-	4	15,068
Lowell	24	-	24	23.8	94.2	24	-	2	37,799
Medford	24	-	24	24.0	93.1	24	1	2	21,600
Pittsfield	17	2	14	14.9	96.1	14	3	4	17,844
Quincy	20	-	18	18.9	95.0	18	2	4	36,023
Salem	24	-	23	23.5	97.1	23	24	4	20,186
Somerville	21	-	20	20.4	94.6	20	1	4	32,793
Total for type of school	297	5	277	286.1	93.9	274	43	46	348,337

## GROUP V 2. Evening Distributive Education

Boston	1016	-	1016	92.9	91.4	-	-	21	25,400
Brockton	134	26	134	124.0	99.1	-	-	3	992
Chicopee	15	-	14	14.6	95.1	13	1	2	580
Fall River	21	-	21	21.0	100.0	-	-	2	210
Holyoke	129	-	97	102.8	94.3	-	32	3	1,028
Lowell	95	4	90	82.5	86.8	-	5	2	1,740
Malden	52	-	-	52.0	100.0	-	52	2	520
Marlboro	27	-	27	27.0	93.5	27	-	2	270
North Adams	86	25	52	63.2	82.2	-	-	3	2,118
Peabody	30	-	30	30.0	95.0	-	-	2	300
Pittsfield	124	10	124	124.0	100.0	124	-	2	1,240
Quincy	21	-	7	17.4	61.5	-	14	2	366
Salem	35	-	28	33.0	100.0	-	7	3	332
Somerville	52	-	52	52.0	100.0	-	-	3	520
Waltham	29	18	29	27.8	87.5	-	-	2	344
Worcester	24	7	24	24.0	100.0	-	-	2	240
Total for type of school	1890	90	1745	888.2	92.9	164	111	56	36,200







TABLE NO. 7 - USE OF FEDERAL FUNDS

## SMITH-HUGHES AND GEORGE-BARDEN (VOCATIONAL)

A. Distribution for Federal Fiscal year ending June 30, 1954

## SMITH-HUGHES

## GEORGE-BARDEN

Salary Expenditures  
against which we  
match Federal (Smith-  
Hughes and George-  
Barden) Funds

	Salaries of Teachers, Directors and Supervisors			Salaries and Travel of Teachers, Directors, Supervisors and Equipment				Total	Smith-Hughes & George-Barden
	Agriculture	Trade and Industrial and Home Economics	Total	Agriculture	Home Economics	Trade and Industrial	Distributive Occupations		
Abington	7,850.00	-	126.15	-	100.00	3,175.00	-	3,275.00	3,401.15
Agawam	5,367.00	551.70	-	400.00	-	-	-	400.00	951.70
Amherst	1,530.00	-	34.62	-	100.00	-	-	100.00	134.62
Arlington	39,704.00	-	651.31	-	-	3,225.00	-	3,225.00	3,876.31
Ashfield	2,651.00	206.16	-	100.00	-	-	-	100.00	306.16
Athol	1,360.00	-	63.47	-	150.00	-	-	150.00	213.47
Attleboro	8,222.00	-	205.68	-	-	2,790.00	-	2,790.00	2,995.68
Barnstable	21,435.00	956.28	276.00	100.00	1,000.00	1,745.00	-	2,845.00	4,077.28
Belmont	20,324.00	-	484.50	-	-	-	-	-	484.50
Bernardston	300.00	-	-	-	200.00	-	-	200.00	200.00
Beverly	48,374.00	-	1,651.83	-	180.00	600.00	-	980.00	2,631.83
Boston	718,428.00	2,893.36	47,087.03	-	-	15,442.00	-	15,442.00	65,422.39
Braintree	1,980.00	-	103.86	-	100.00	-	-	100.00	203.86
Bridgewater	5,249.00	-	80.78	3,720.76	200.00	-	-	3,920.76	4,001.54
Bristol County	102,873.00	7,294.70	-	4,520.63	-	-	-	4,520.63	11,815.33
Brockton	23,773.00	-	733.51	-	-	-	-	-	733.51
Brookline	12,684.00	-	738.10	-	-	-	-	-	738.10
Burlington	548.00	-	-	-	100.00	-	-	100.00	100.00
Cambridge	13,688.00	-	1,193.18	-	-	200.00	-	200.00	1,393.18
Carver	570.00	-	-	-	200.00	-	-	200.00	200.00
Charlton	6,429.00	183.90	-	162.50	75.00	-	-	237.50	421.40
Chicopee	62,642.00	-	1,354.60	-	-	3,400.00	-	3,400.00	4,754.60
Clinton	999.00	-	73.69	-	200.00	-	-	200.00	273.69
Cohasset	504.00	-	-	-	1,100.00	-	-	1,100.00	1,100.00
Dartmouth	13,399.00	465.88	239.96	420.00	180.00	-	-	600.00	1,305.84
Deerfield	6,777.00	784.64	-	300.00	300.00	-	-	600.00	1,384.64
Lighton	9,546.00	-	153.12	-	-	3,563.00	-	3,563.00	3,716.12
Duxbury	2,124.00	-	-	-	3,362.50	-	-	3,362.50	3,362.50
Easthampton	1,350.00	-	-	-	1,000.00	-	-	1,000.00	1,000.00
East Longmeadow	800.00	-	-	-	1,500.00	-	-	1,500.00	1,500.00
Easton	1,775.00	-	-	-	925.00	-	-	925.00	925.00
Essex County	121,938.00	10,276.14	2,469.56	3,886.63	1,457.83	-	-	5,344.46	18,090.16
Everett	74,381.00	-	1,791.41	-	-	-	-	-	1,791.41
Fall River	91,384.00	-	2,158.96	-	200.00	10,100.00	-	10,300.00	12,458.96
Falmouth	4,441.00	576.22	-	100.00	1,000.00	500.00	-	1,600.00	2,176.22
Fitchburg	24,103.00	-	723.94	-	-	225.00	-	225.00	948.94
Foxboro	5,853.00	-	-	-	11,555.72	-	-	11,555.72	11,555.72
Framingham	9,370.00	-	253.68	-	-	-	-	-	253.68
Franklin	1,112.00	-	63.47	-	100.00	-	-	100.00	163.47
Gloucester	36,240.00	-	749.42	-	-	900.00	-	900.00	1,649.42
Greenfield	47,023.00	-	810.15	-	3,916.50	1,825.00	-	5,740.50	6,550.65





## SMITH-HUGHES

## GEORGE-BARDEN

Salary Expenditures  
against which we  
match Federal (Smith-  
Hughes and George-  
Barden) Funds

	Salaries of Teachers, Directors and Supervisors			Salaries and Travel of Teachers, Directors, Supervisors and Equipment					Smith-Hughes & George-Barden
	Agriculture	Trade and Industrial and Home Economics	Total	Agriculture	Home Economics	Trade and Industrial	Distributive Occupations	Total	
Hanover	-	-	-	-	180.00	-	-	180.00	180.00
Hatfield	416.84	-	416.84	317.50	-	-	-	317.50	734.34
Haverhill	-	2,349.17	2,349.17	-	2,530.00	10,375.00	-	12,905.00	15,254.17
Holbrook	-	-	-	-	353.32	-	-	353.32	353.32
Holyoke	-	3,025.13	3,025.13	-	-	3,358.03	-	3,358.03	6,383.16
Hudson	993.06	-	993.06	900.00	-	-	-	900.00	1,893.06
Hull	-	-	-	-	100.00	-	-	100.00	100.00
Lakeville	-	-	-	-	300.00	-	-	300.00	300.00
Lawrence	-	731.88	731.88	-	-	900.00	-	900.00	1,631.88
Leominster	-	560.63	560.63	-	-	6,150.00	-	6,150.00	6,710.63
Lexington	-	271.19	271.19	-	3,733.34	-	-	3,733.34	4,004.53
Lowell	-	2,842.79	2,842.79	-	3,000.00	850.00	-	3,850.00	6,692.79
Lynn	-	2,705.34	2,705.34	-	-	1,562.50	-	1,562.50	4,267.84
Malden	-	740.46	740.46	-	-	-	-	-	740.46
Manchester	-	34.62	34.62	-	-	-	-	-	34.62
Marion	-	-	-	-	180.00	-	-	180.00	180.00
Marlboro	-	102.84	102.84	-	-	1,000.00	-	1,000.00	1,102.84
Medford	-	1,896.12	1,896.12	-	-	7,436.49	-	7,436.49	9,332.61
Melrose	-	167.33	167.33	-	-	-	-	-	167.33
Methuen	-	80.78	80.78	-	-	-	-	-	80.78
Middleboro	478.14	-	478.14	2,700.00	-	-	-	2,700.00	3,178.14
Millis	-	-	-	-	200.00	-	-	200.00	200.00
Milton	-	75.01	75.01	-	300.00	-	-	300.00	375.01
Nantucket	-	166.83	166.83	-	150.00	-	-	150.00	316.83
New Bedford	-	7,629.53	7,629.53	-	2,000.00	-	-	2,000.00	9,629.53
Newburyport	-	223.97	223.97	-	10.00	-	-	10.00	233.97
New Salem	993.06	-	993.06	3,021.75	97.31	-	-	3,119.06	4,112.12
Newton	-	2,086.53	2,086.53	-	1,200.00	-	-	1,200.00	3,286.53
Norfolk County	8,226.46	-	8,226.46	2,506.10	-	-	-	2,506.10	10,732.56
North Adams	-	260.53	260.53	-	-	-	-	-	260.53
Northampton	817.75	1,621.12	2,438.87	-	3,000.00	5,250.00	-	8,250.00	10,688.87
Northbridge	-	147.28	147.28	-	300.00	2,080.00	-	2,380.00	2,527.28
Northfield	-	34.62	34.62	-	300.00	-	-	300.00	334.62
North Attleboro	-	34.62	34.62	-	200.00	-	-	200.00	234.62
Norwood	-	1,124.89	1,124.89	-	200.00	-	-	200.00	1,324.89
Palmer	-	144.25	144.25	-	-	-	-	-	144.25
Peabody	-	377.08	377.08	-	-	-	-	-	377.08
Pittsfield	-	2,414.75	2,414.75	-	945.03	13,110.27	-	14,055.30	16,470.05
Plymouth	-	-	-	-	-	1,836.00	-	1,836.00	1,836.00
Provincetown	-	119.18	119.18	-	226.00	205.46	-	430.46	549.64
Quincy	-	2,195.88	2,195.88	-	-	6,888.66	1,700.00	8,588.66	10,784.54











Table No. 8 - Statistics of Teacher-Training from July 1, 1954 to June 30, 1955  
(Roman Numerals refer to Divisions)

Types of Service	Number admitted to class	Number of different subjects taught (or intended) by those completing course	Length of course - clock hours	Number of different municipalities represented by those in class	Number employed as teachers subject to Teacher-Training requirement	Number completing the course
<u>I</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
Group I. Agriculture Teacher Training Professional Improvement	19 139	18 30	1754 92	19 70	- 6	18 135
Group II. Trade and Industry Teacher Training Professional Improvement Foreman Training	224 767 164	37 31 1	1000 268 256	78 112 6	100 - -	216 747 164





Table No. 8 - Statistics of Teacher-Training from July 1, 1954 to June 30, 1955  
(Roman Numerals refer to Divisions)

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
Group III. Day Household Arts and Industrial Teacher Training Professional Improvement	22 86	9 14	60 30	18 41	19 -	22 86
Framingham State Teachers College Resident Vocational Household Arts Course: Teacher Training	31	-	3806	24	-	6
Group IV. Evening Practical Art (Women) Teacher Training Professional Improvement	159 355	25 18	210 180	70 133	113 -	159 331





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	Total teachers leaving the service during year		Total new teachers added during year	
	Shop	Academic	Shop	Academic
15	16	17	18	19
16 <sup>1</sup>	39 <sup>1</sup>	28	61 <sup>1</sup>	42 <sup>1</sup>
29	1	13	1	5
30 <sup>1</sup>	4	6	3	4
14	11	11	12	4
19 <sup>1</sup>	24 <sup>1</sup>	20	31	25
-	-	-	2 <sup>1</sup>	-
-	2 <sup>1</sup>	-	1 <sup>1</sup>	-
11	104	-	67	-
8 <sup>1</sup>	55 <sup>1</sup>	4	56 <sup>1</sup>	4
6 <sup>1</sup>	3	2	3	2 <sup>1</sup>
7 <sup>1</sup>	5	2 <sup>1</sup>	2	2 <sup>1</sup>
18 <sup>1</sup>	18	10 <sup>1</sup>	17	15 <sup>1</sup>
13 <sup>1</sup>	30 <sup>1</sup>	30 <sup>1</sup>	14 <sup>1</sup>	16 <sup>1</sup>
16 <sup>1</sup>	173 <sup>1</sup>	13 <sup>1</sup>	206 <sup>1</sup>	12 <sup>1</sup>
7 <sup>1</sup>	4	6	3	4
7 <sup>1</sup>	11 <sup>1</sup>	1	9 <sup>1</sup>	1
-	8 <sup>1</sup>	-	9 <sup>1</sup>	-
0 <sup>1</sup>	5 <sup>1</sup>	5 <sup>1</sup>	6 <sup>1</sup>	9 <sup>1</sup>
1 <sup>1</sup>	20 <sup>1</sup>	-	12 <sup>1</sup>	-





Table No. 9 - Number of different minors 14 to 16 years of age, who within the Calendar Year, Jan. 1 to Dec. 31, 1954, were employed while schools were in session, as per returns.

CITIES AND TOWNS	Population U. S. Census, 1950	Number of Minors 7 to 16 years of age October 1, 1953				Total number of different minors Employed full-time within the Town (City) under Authority of employment permits and home permits as reported by the Town (City).			
		1 In registra- tion of minors	2 In public school mem- bership	3 In private school mem- bership	4 Total	Boys	Girls	Total	
Group I. - Cities	3,034,825	376,765	257,373	112,872	704	381	323	704	
Group II. - Towns of 5,000 population or over	1,205,463	180,639	149,796	29,177	216	117	99	216	
Group III. - Towns of less than 5,000 population and maintaining High Schools	269,643	43,711	40,353	2,878	48	30	18	48	





	1	2	3	4	5	6	7
Group IV. - Towns of less than 5,000 pop- ulation and not maintaining High Schools	180,583	31,376	28,286	2,272	43	30	73
State Totals	4,690,514	632,491	475,608	147,199	571	470	1,041









AUG 8 1957





